

November 23, 2005

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

RE: Application for Permit to Drill—Dominion Exploration & Production, Inc.

**HCU 12-27F:**

*Surface Location:* 1,607' FSL & 1,885' FWL, NE/4 SW/4

*Target Location:* 1,980' FSL & 660' FWL, NW/4 SW/4

Section 27, T10S, R20E, SLB&M, Uintah County, Utah

Dear Fluid Minerals Group;

On behalf of Dominion Exploration & Production, Inc. (Dominion), Buys & Associates, Inc. respectfully submits the enclosed original and two copies of the Application for Permit to Drill (APD) for the above referenced tribal directional well. A request for exception to spacing (R649-3-11) is hereby requested based on topography since the well is located within 460' of the drilling unit boundary. Dominion Exploration & Production, Inc. is the only owner and operator within 460' of the proposed well and all points along the intended well bore path. Included with the APD is the following supplemental information:

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

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

Exhibit "C" - Production site layout;

Exhibit "D" - Drilling Plan;

Exhibit "E" - Surface Use Plan;

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

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

Thank you very much for your timely consideration of this application. Please feel free to contact myself or Carla Christian of Dominion at 405-749-5263 if you have any questions or need additional information.

Sincerely,

*Don Hamilton*

Don Hamilton  
Agent for Dominion

cc: Diana Whitney, Division of Oil, Gas and Mining  
Bucky Secakuku, BIA—Uintah & Ouray Agency  
Carla Christian, Dominion

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DIV. OF OIL, GAS & MINING

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

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

5. Lease Serial No. <b>U-29784</b>	
6. If Indian, Allottee or Tribe Name <b>Ute Indian Tribe</b>	
7. If Unit or CA Agreement, Name and No. <b>Hill Creek Unit</b>	
8. Lease Name and Well No. <b>HCU 12-27F</b>	
9. API Well No. <b>4304737924</b>	
1a. Type of work: <input checked="" type="checkbox"/> DRILL <input type="checkbox"/> REENTER	10. Field and Pool, or Exploratory <b>Natural Buttes</b>
1b. Type of Well: <input checked="" type="checkbox"/> Oil Well <input type="checkbox"/> Gas Well <input type="checkbox"/> Other <input checked="" type="checkbox"/> Single Zone <input type="checkbox"/> Multiple Zone	11. Sec., T. R. M. or Blk. and Survey or Area <b>Section 27, T10S, R20E, SLB&amp;M</b>
2. Name of Operator <b>Dominion Exploration &amp; Production, Inc.</b>	12. County or Parish <b>Uintah</b>
3a. Address <b>14000 Quail Springs Parkway, Suite 600 Oklahoma City, OK 73134</b>	13. State <b>UT</b>
3b. Phone No. (include area code) <b>405-749-5263</b>	
4. Location of Well (Report location clearly and in accordance with any State requirements.) At surface <b>1,607' FSL &amp; 1,885' FWL, NE/4 SW/4</b> At proposed prod. zone <b>1,980' FSL &amp; 660' FWL, NW/4 SW/4</b>	
14. Distance in miles and direction from nearest town or post office* <b>12.01 miles south of Ouray, Utah</b>	
15. Distance from proposed* location to nearest property or lease line, ft. (Also to nearest drig. unit line, if any) <b>738'</b>	16. No. of acres in lease <b>640 acres</b>
18. Distance from proposed location* to nearest well, drilling, completed, applied for, on this lease, ft. <b>25'</b>	17. Spacing Unit dedicated to this well <b>40 acres</b>
19. Proposed Depth <b>7,975' (8,220' MD)</b>	20. BLM/BIA Bond No. on file <b>76S 63050 0330</b>
21. Elevations (Show whether DF, KDB, RT, GL, etc.) <b>5,170' GR</b>	22. Approximate date work will start* <b>03/01/2006</b>
	23. Estimated duration <b>14 days</b>

24. Attachments

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

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

25. Signature <i>Don Hamilton</i>	Name (Printed/Typed) <b>Don Hamilton</b>	Date <b>11/23/2005</b>
Title <b>Agent for Dominion</b>		
Approved by (Signature) <i>Bradley G. Hill</i>	Name (Printed/Typed) <b>BRADLEY G. HILL</b>	Date <b>11-29-05</b>
Title <b>ENVIRONMENTAL SCIENTIST III</b>		

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

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

\*(Instructions on page 2)

Surf

BHL

**Federal Approval of this  
Action is Necessary**

615136 X

614763 X

4419039 Y

4419153 Y

39. 91552

39. 91659

-109. 65288

-109. 65723

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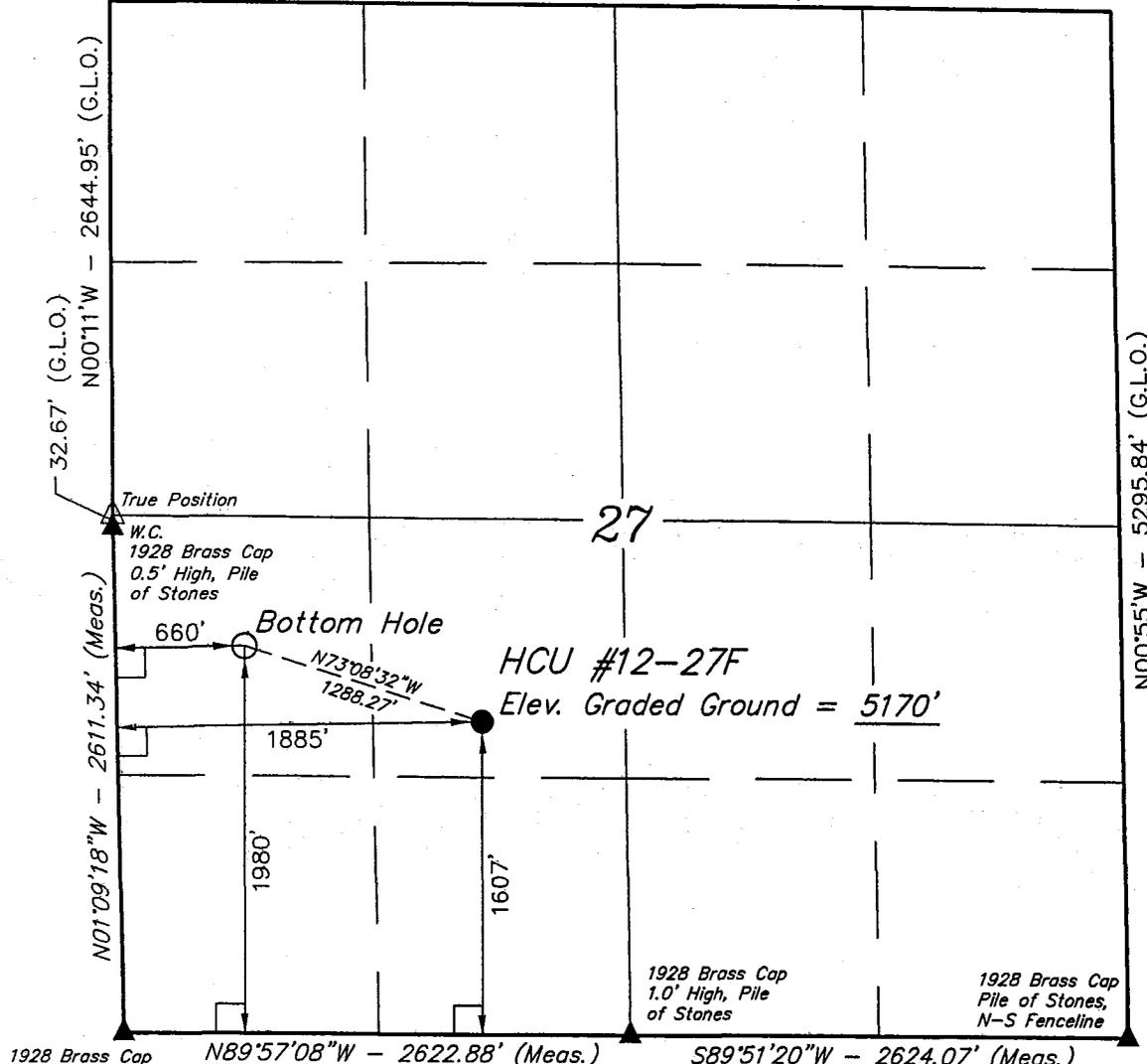
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# T10S, R20E, S.L.B.&M.

# DOMINION EXPLR. & PROD., INC.

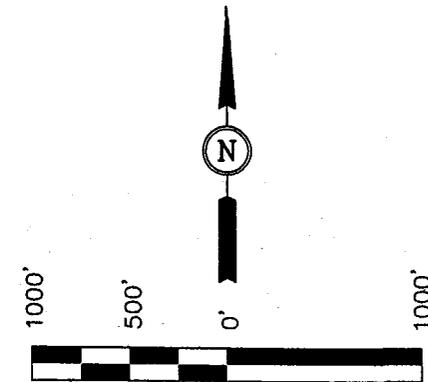
Well location, HCU #12-27F, located as shown in the NE 1/4 SW 1/4 of Section 27, T10S, R20E, S.L.B.&M. Uintah County Utah.

WEST - 5268.78' (G.L.O.)



## BASIS OF ELEVATION

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



SCALE

## CERTIFICATE

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

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

Revised: 9-27-05

## BASIS OF BEARINGS

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

(NAD 83)  
 LATITUDE = 39°54'56.00" (39.915556)  
 LONGITUDE = 109°39'13.25" (109.653681)  
 (NAD 27)  
 LATITUDE = 39°54'56.13" (39.915592)  
 LONGITUDE = 109°39'10.76" (109.652989)

## LEGEND:

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

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

SCALE 1" = 1000'	DATE SURVEYED: 8-4-05	DATE DRAWN: 8-16-05
PARTY B.B. J.R. K.G.	REFERENCES G.L.O. PLAT	
WEATHER HOT	FILE DOMINION EXPLR. & PROD., INC	

**DRILLING PLAN**

**APPROVAL OF OPERATIONS**

**Attachment for Permit to Drill**

**Name of Operator:** Dominion Exploration & Production  
**Address:** 14000 Quail Springs Parkway, Suite 600  
Oklahoma City, OK 73134  
**Well Location:** HCU 12-27F  
SHL: 1607' FSL & 1885' FWL, Section 27-10S-20E  
BHL: 1980' FSL & 660' FWL, Section 27-10S-20E  
Uintah County, UT

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

<u>Formation</u>	<u>Depth</u>
Wasatch Tongue	3,840'
Uteland Limestone	4,170'
Wasatch	4,325'
Chapita Wells	5,220'
Uteland Buttes	6,350'
Mesaverde	7,110'

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

<u>Formation</u>	<u>Depth</u>	<u>Type</u>
Wasatch Tongue	3,840'	Oil
Uteland Limestone	4,170'	Oil
Wasatch	4,325'	Gas
Chapita Wells	5,220'	Gas
Uteland Buttes	6,350'	Gas
Mesaverde	7,110'	Gas

4. PROPOSED CASING PROGRAM

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

<u>Type</u>	<u>Size</u>	<u>Weight</u>	<u>Grade</u>	<u>Conn.</u>	<u>Top</u>	<u>Bottom</u>	<u>Hole</u>
Surface	13-3/8"	48.0 ppf	H-40	STC	0'	500'	17-1/2"
Intermediate	9-5/8"	36.0 ppf	J-55	LTC	0'	2,800'	12-1/4"
Production	5-1/2"	17.0 ppf	MAV-80	LTC	0'	7,975'	7-7/8"

5. OPERATOR'S MINIMUM SPECIFICATIONS FOR PRESSURE CONTROL

Surface hole: No BOPE will be utilized.

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

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

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

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## DRILLING PLAN

### APPROVAL OF OPERATIONS

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

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

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

#### 6. MUD SYSTEMS

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

<u>Depths</u>	<u>Mud Weight (ppg)</u>	<u>Mud System</u>
0' - 500'	8.4	Air foam mist, no pressure control
500' - 2,800'	8.6	Fresh water, rotating head and diverter
2,800' - 7,975'	8.6	Fresh water/2% KCL/KCL mud system

#### 7. BLOOIE LINE

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

#### 8. AUXILIARY EQUIPMENT TO BE USED

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

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

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

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

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

#### 11. WATER SUPPLY

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

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**DRILLING PLAN**

**APPROVAL OF OPERATIONS**

**12. CEMENT SYSTEMS**

**a. Surface Cement:**

Drill 17-1/2" hole to 500' and cement 13-3/8" to surface with 450 sks class "C" cement with 2% CaCl<sub>2</sub> and 1/4 #/sk. Poly-E-Flakes (volume includes 40% excess). Top out if necessary with Top Out cement listed below.

**b. Intermediate Casing Cement:**

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

Type	Sacks	Interval	Density	Yield	Hole Volume	Cement Volume	Excess
Lead	300	0'-2,000'	11.0 ppg	3.82 CFS	658 CF	1,152 CF	75%
Tail	390	2,000'-2,800'	15.6 ppg	1.20 CFS	268 CF	469 CF	75%

**Lead Mix:** Halliburton Prem Plus V blend. Blend includes Class "C" cement, gel, salt, gilsonite, EX-1 and HR-7.  
Slurry yield: 3.82 cf/sack      Slurry weight: 11.00 #/gal.  
Water requirement: 22.95 gal/sack  
Compressives @ 130°F: 157 psi after 24 hours

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

**c. Production Casing Cement:**

- Drill 7-7/8" hole to 7,975'±, run and cement 5 1/2".
- Cement interface is at 3,700', which is typically 500'-1,000' above shallowest pay.
- Pump 20 bbl Mud Clean II unweighted spacer, followed by 20 Bbls fresh H2O spacer.
- Displace with 3% KCL.

Type	Sacks	Interval	Density	Yield	Hole Volume	Cement Volume	Excess
Lead	90	3,700'-4,500'	11.5 ppg	3.12 CFS	139 CF	277 CF	100%
Tail	600	4,500'-7,975'	13.0 ppg	1.75 CFS	525 CF	1050 CF	100%

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

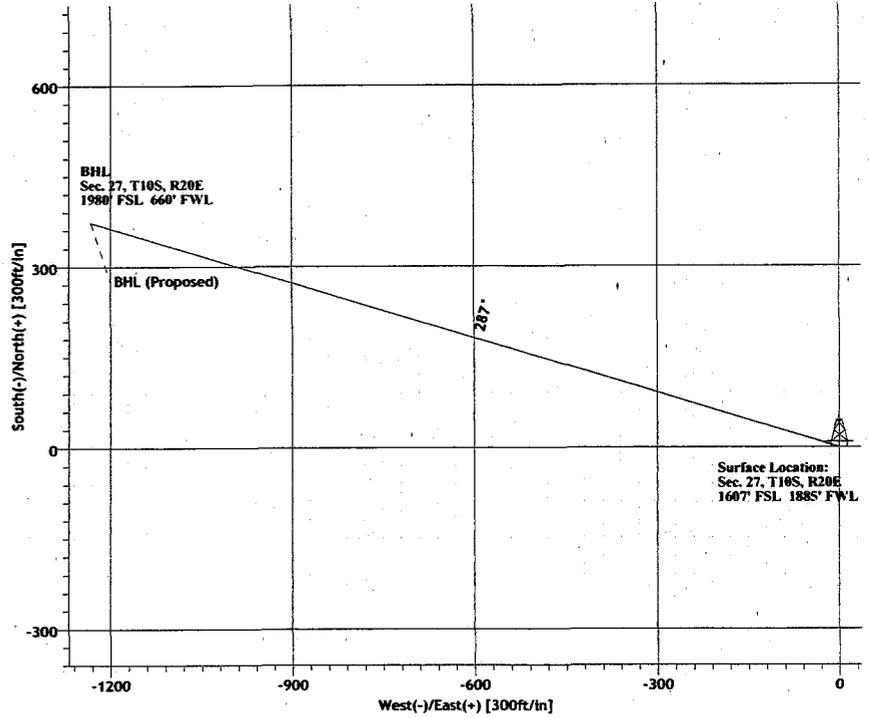
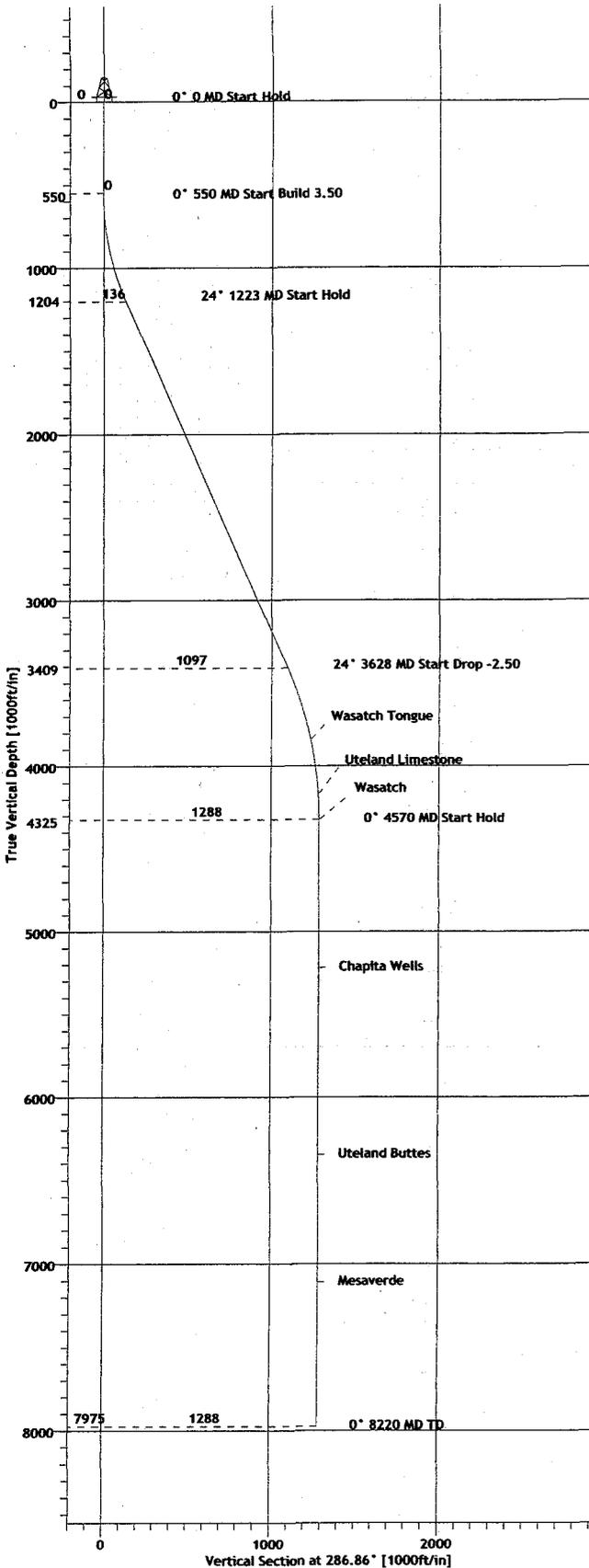
**Lead Mix:** Halliburton Prem Plus V blend. Blend includes Class "C" cement, gel, salt, gilsonite, EX-1 and HR-7.  
Slurry yield: 3.12 cf/sack      Slurry weight: 11.60 #/gal.  
Water requirement: 17.71 gal/sack  
Compressives @ 130°F: 157 psi after 24 hours

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

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

Starting Date: March 1, 2006  
Duration: 14 Days

Well: HCU 12-27F  
 Field: Hill Creek Unit  
 Uintah Co. Utah  
 Sec. 27, T10S, R20E



SECTION DETAILS

Sec	MD	Inc	Azi	TVD	+N-S	+E-W	DLeg	TFace	VSec	Target
1	0.00	0.00	286.86	0.00	0.00	0.00	0.00	0.00	0.00	0.00
2	550.00	0.00	286.86	550.00	0.00	0.00	0.00	286.86	0.00	0.00
3	1222.79	23.55	286.86	1204.01	39.53	-130.46	3.50	286.86	136.32	1097.42
4	3628.50	23.55	286.86	3409.39	318.25	-1050.27	0.00	0.00	1097.42	1288.27
5	4570.40	0.00	286.86	4325.00	373.59	-1232.91	2.50	180.00	1288.27	1288.27
6	8220.40	0.00	286.86	7975.00	373.59	-1232.91	0.00	286.86	1288.27	1288.27

WELL DETAILS

Name	+N-S	+E-W	Northing	Easting	Latitude	Longitude	Slot
HCU 12-27F	0.00	0.00	7143323.93	2158239.35	39°54'56.000N	109°39'13.250W	N/A

FORMATION TOP DETAILS

No.	TVDPath	MDPath	Formation
1	3840.00	4081.71	Wasatch Tongue
2	4170.00	4415.28	Uteland Limestone
3	4325.00	4570.40	Wasatch
4	5220.00	5465.40	Chapita Wells
5	6350.00	6595.40	Uteland Buttes
6	7110.00	7355.40	Mesaverde

WELLPATH DETAILS

Rig:	est.KB @ 5190'	0.00ft
Ref. Datum:		
V.Section Angle	Origin +N-S	Origin +E-W
286.86°	0.00	0.00
	Starting From TVD	0.00

REFERENCE INFORMATION

Co-ordinate (N/E) Reference: Site Centre HCU 12-27F. True North  
 Vertical (TVD) Reference: est.KB @ 5190' 0.00  
 Section (VS) Reference: Site Centre (0.00N,0.00E)  
 Measured Depth Reference: est.KB @ 5190' 0.00  
 Calculation Method: Minimum Curvature

Azimuths to True North  
 Magnetic North: 11.85°



Magnetic Field  
 Strength: 52882nT  
 Dip Angle: 65.92°  
 Date: 10/3/2005  
 Model: igrf2005

FIELD DETAILS

Natural Buttes Field  
 Uintah County, Utah  
 USA  
 Geodetic System: US State Plane Coordinate System 1983  
 Ellipsoid: GRS 1980  
 Zone: Utah, Central Zone  
 Magnetic Model: igrf2005  
 System Datum: Mean Sea Level  
 Local North: True North

SITE DETAILS

HCU 12-27F  
 Hill Creek Unit  
 Sec. 27, T10S, R20E  
 Site Centre Latitude: 39°54'56.000N  
 Longitude: 109°39'13.250W  
 Ground Level: 5171.00  
 Positional Uncertainty: 0.00  
 Convergence: 1.18



# Ryan Energy Technologies

## Planning Report



<b>Company:</b> Dominion E & P <b>Field:</b> Natural Buttes Field <b>Site:</b> HCU 12-27F <b>Well:</b> HCU 12-27F <b>Wellpath:</b> 1	<b>Date:</b> 10/3/2005 <b>Time:</b> 10:39:32 <b>Page:</b> 1 <b>Co-ordinate(NE) Reference:</b> HCU 12-27F, True North <b>Vertical (TVD) Reference:</b> est.KB @ 5190' 0.0 <b>Section (VS) Reference:</b> Site (0.00N,0.00E,286.86Azi) <b>Plan:</b> Plan #1
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<b>Field:</b> Natural Buttes Field Uintah County, Utah USA <b>Map System:</b> US State Plane Coordinate System 1983 <b>Geo Datum:</b> GRS 1980 <b>Sys Datum:</b> Mean Sea Level	<b>Map Zone:</b> Utah, Central Zone <b>Coordinate System:</b> Site Centre <b>Geomagnetic Model:</b> igrf2005
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<b>Site:</b> HCU 12-27F Hill Creek Unit Sec. 27, T10S, R20E <b>Site Position:</b> <b>From:</b> Geographic <b>Position Uncertainty:</b> 0.00 ft <b>Ground Level:</b> 5171.00 ft	<b>Northing:</b> 7143323.93 ft <b>Latitude:</b> 39 54 56.000 N <b>Easting:</b> 2158239.35 ft <b>Longitude:</b> 109 39 13.250 W <b>North Reference:</b> True <b>Grid Convergence:</b> 1.18 deg
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<b>Well:</b> HCU 12-27F <b>Surface Position:</b> +N/-S 0.00 ft +E/-W 0.00 ft <b>Position Uncertainty:</b> 0.00 ft <b>Reference Point:</b> +N/-S 0.00 ft +E/-W 0.00 ft	<b>Slot Name:</b> <b>Northing:</b> 7143323.93 ft <b>Latitude:</b> 39 54 56.000 N <b>Easting:</b> 2158239.35 ft <b>Longitude:</b> 109 39 13.250 W <b>Northing:</b> 7143323.93 ft <b>Latitude:</b> 39 54 56.000 N <b>Easting:</b> 2158239.35 ft <b>Longitude:</b> 109 39 13.250 W <b>Measured Depth:</b> 0.00 ft <b>Inclination:</b> 0.00 deg <b>Vertical Depth:</b> 0.00 ft <b>Azimuth:</b> 0.00 deg
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<b>Wellpath:</b> 1 <b>Current Datum:</b> est.KB @ 5190' <b>Height:</b> 0.00 ft <b>Magnetic Data:</b> 10/3/2005 <b>Field Strength:</b> 52882 nT <b>Vertical Section: Depth From (TVD)</b>	<b>Drilled From:</b> Well Ref. Point <b>Tie-on Depth:</b> 0.00 ft <b>Above System Datum:</b> Mean Sea Level <b>Declination:</b> 11.85 deg <b>Mag Dip Angle:</b> 65.92 deg <b>+E/-W</b> <b>Direction</b> ft      deg
0.00      0.00	0.00      286.86

<b>Plan:</b> Plan #1 <b>Principal:</b> Yes	<b>Date Composed:</b> 10/3/2005 <b>Version:</b> 1 <b>Tied-to:</b> From Well Ref. Point
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Plan Section Information										
MD	Incl	Azim	TVD	+N/-S	+E/-W	DLS	Build	Turn	TFO	Target
ft	deg	deg	ft	ft	ft	deg/100ft	deg/100ft	deg/100ft	deg	
0.00	0.00	286.86	0.00	0.00	0.00	0.00	0.00	0.00	0.00	
550.00	0.00	286.86	550.00	0.00	0.00	0.00	0.00	0.00	286.86	
1222.79	23.55	286.86	1204.01	39.53	-130.46	3.50	3.50	0.00	286.86	
3628.50	23.55	286.86	3409.39	318.25	-1050.27	0.00	0.00	0.00	0.00	
4570.40	0.00	286.86	4325.00	373.59	-1232.91	2.50	-2.50	0.00	180.00	
8220.40	0.00	286.86	7975.00	373.59	-1232.91	0.00	0.00	0.00	286.86	

Section 1 : Start Hold										
MD	Incl	Azim	TVD	+N/-S	+E/-W	VS	DLS	Build	Turn	TFO
ft	deg	deg	ft	ft	ft	ft	deg/100ft	deg/100ft	deg/100ft	deg
0.00	0.00	286.86	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
100.00	0.00	286.86	100.00	0.00	0.00	0.00	0.00	0.00	0.00	286.86
200.00	0.00	286.86	200.00	0.00	0.00	0.00	0.00	0.00	0.00	286.86
300.00	0.00	286.86	300.00	0.00	0.00	0.00	0.00	0.00	0.00	286.86
400.00	0.00	286.86	400.00	0.00	0.00	0.00	0.00	0.00	0.00	286.86
500.00	0.00	286.86	500.00	0.00	0.00	0.00	0.00	0.00	0.00	286.86
550.00	0.00	286.86	550.00	0.00	0.00	0.00	0.00	0.00	0.00	286.86

Section 2 : Start Build 3.50										
MD	Incl	Azim	TVD	+N/-S	+E/-W	VS	DLS	Build	Turn	TFO
ft	deg	deg	ft	ft	ft	ft	deg/100ft	deg/100ft	deg/100ft	deg
600.00	1.75	286.86	599.99	0.22	-0.73	0.76	3.50	3.50	0.00	0.00
700.00	5.25	286.86	699.79	1.99	-6.57	6.87	3.50	3.50	0.00	0.00





# Ryan Energy Technologies

## Planning Report



**Company:** Dominion E & P  
**Field:** Natural Buttes Field  
**Site:** HCU 12-27F  
**Well:** HCU 12-27F  
**Wellpath:** 1

**Date:** 10/3/2005      **Time:** 10:39:32      **Page:** 3  
**Co-ordinate(NE) Reference:** HCU 12-27F, True North  
**Vertical (TVD) Reference:** est.KB @ 5190' 0.0  
**Section (VS) Reference:** Site (0.00N,0.00E,286.86Azi)  
**Plan:**      **Plan #1**

**Section 5 : Start Hold**

MD ft	Incl deg	Azim deg	TVD ft	+N/-S ft	+E/-W ft	VS ft	DLS deg/100ft	Build deg/100ft	Turn deg/100ft	TFO deg
5200.00	0.00	286.86	4954.60	373.59	-1232.91	1288.27	0.00	0.00	0.00	286.86
5300.00	0.00	286.86	5054.60	373.59	-1232.91	1288.27	0.00	0.00	0.00	286.86
5400.00	0.00	286.86	5154.60	373.59	-1232.91	1288.27	0.00	0.00	0.00	286.86
5465.40	0.00	286.86	5220.00	373.59	-1232.91	1288.27	0.00	0.00	0.00	286.86
5500.00	0.00	286.86	5254.60	373.59	-1232.91	1288.27	0.00	0.00	0.00	286.86
5600.00	0.00	286.86	5354.60	373.59	-1232.91	1288.27	0.00	0.00	0.00	286.86
5700.00	0.00	286.86	5454.60	373.59	-1232.91	1288.27	0.00	0.00	0.00	286.86
5800.00	0.00	286.86	5554.60	373.59	-1232.91	1288.27	0.00	0.00	0.00	286.86
5900.00	0.00	286.86	5654.60	373.59	-1232.91	1288.27	0.00	0.00	0.00	286.86
6000.00	0.00	286.86	5754.60	373.59	-1232.91	1288.27	0.00	0.00	0.00	286.86
6100.00	0.00	286.86	5854.60	373.59	-1232.91	1288.27	0.00	0.00	0.00	286.86
6200.00	0.00	286.86	5954.60	373.59	-1232.91	1288.27	0.00	0.00	0.00	286.86
6300.00	0.00	286.86	6054.60	373.59	-1232.91	1288.27	0.00	0.00	0.00	286.86
6400.00	0.00	286.86	6154.60	373.59	-1232.91	1288.27	0.00	0.00	0.00	286.86
6500.00	0.00	286.86	6254.60	373.59	-1232.91	1288.27	0.00	0.00	0.00	286.86
6595.40	0.00	286.86	6350.00	373.59	-1232.91	1288.27	0.00	0.00	0.00	286.86
6600.00	0.00	286.86	6354.60	373.59	-1232.91	1288.27	0.00	0.00	0.00	286.86
6700.00	0.00	286.86	6454.60	373.59	-1232.91	1288.27	0.00	0.00	0.00	286.86
6800.00	0.00	286.86	6554.60	373.59	-1232.91	1288.27	0.00	0.00	0.00	286.86
6900.00	0.00	286.86	6654.60	373.59	-1232.91	1288.27	0.00	0.00	0.00	286.86
7000.00	0.00	286.86	6754.60	373.59	-1232.91	1288.27	0.00	0.00	0.00	286.86
7100.00	0.00	286.86	6854.60	373.59	-1232.91	1288.27	0.00	0.00	0.00	286.86
7200.00	0.00	286.86	6954.60	373.59	-1232.91	1288.27	0.00	0.00	0.00	286.86
7300.00	0.00	286.86	7054.60	373.59	-1232.91	1288.27	0.00	0.00	0.00	286.86
7355.40	0.00	286.86	7110.00	373.59	-1232.91	1288.27	0.00	0.00	0.00	286.86
7400.00	0.00	286.86	7154.60	373.59	-1232.91	1288.27	0.00	0.00	0.00	286.86
7500.00	0.00	286.86	7254.60	373.59	-1232.91	1288.27	0.00	0.00	0.00	286.86
7600.00	0.00	286.86	7354.60	373.59	-1232.91	1288.27	0.00	0.00	0.00	286.86
7700.00	0.00	286.86	7454.60	373.59	-1232.91	1288.27	0.00	0.00	0.00	286.86
7800.00	0.00	286.86	7554.60	373.59	-1232.91	1288.27	0.00	0.00	0.00	286.86
7900.00	0.00	286.86	7654.60	373.59	-1232.91	1288.27	0.00	0.00	0.00	286.86
8000.00	0.00	286.86	7754.60	373.59	-1232.91	1288.27	0.00	0.00	0.00	286.86
8100.00	0.00	286.86	7854.60	373.59	-1232.91	1288.27	0.00	0.00	0.00	286.86
8200.00	0.00	286.86	7954.60	373.59	-1232.91	1288.27	0.00	0.00	0.00	286.86
8220.40	0.00	286.86	7975.00	373.59	-1232.91	1288.27	0.00	0.00	0.00	286.86

**Survey**

MD ft	Incl deg	Azim deg	TVD ft	+N/-S ft	+E/-W ft	VS ft	DLS deg/100ft	Build deg/100ft	Turn deg/100ft	Tool/Comment
0.00	0.00	286.86	0.00	0.00	0.00	0.00	0.00	0.00	0.00	
100.00	0.00	286.86	100.00	0.00	0.00	0.00	0.00	0.00	0.00	
200.00	0.00	286.86	200.00	0.00	0.00	0.00	0.00	0.00	0.00	
300.00	0.00	286.86	300.00	0.00	0.00	0.00	0.00	0.00	0.00	
400.00	0.00	286.86	400.00	0.00	0.00	0.00	0.00	0.00	0.00	
500.00	0.00	286.86	500.00	0.00	0.00	0.00	0.00	0.00	0.00	
550.00	0.00	286.86	550.00	0.00	0.00	0.00	0.00	0.00	0.00	KOP
600.00	1.75	286.86	599.99	0.22	-0.73	0.76	3.50	3.50	0.00	
700.00	5.25	286.86	699.79	1.99	-6.57	6.87	3.50	3.50	0.00	
800.00	8.75	286.86	799.03	5.53	-18.23	19.05	3.50	3.50	0.00	
900.00	12.25	286.86	897.34	10.81	-35.67	37.27	3.50	3.50	0.00	
1000.00	15.75	286.86	994.35	17.82	-58.82	61.46	3.50	3.50	0.00	
1100.00	19.25	286.86	1089.71	26.54	-87.59	91.53	3.50	3.50	0.00	
1200.00	22.75	286.86	1183.05	36.93	-121.89	127.36	3.50	3.50	0.00	
1222.79	23.55	286.86	1204.01	39.53	-130.46	136.32	3.50	3.50	0.00	
1300.00	23.55	286.86	1274.79	48.48	-159.98	167.16	0.00	0.00	0.00	
1400.00	23.55	286.86	1366.46	60.06	-198.22	207.12	0.00	0.00	0.00	
1500.00	23.55	286.86	1458.14	71.65	-236.45	247.07	0.00	0.00	0.00	
1600.00	23.55	286.86	1549.81	83.23	-274.68	287.02	0.00	0.00	0.00	
1700.00	23.55	286.86	1641.48	94.82	-312.92	326.97	0.00	0.00	0.00	



# Ryan Energy Technologies

## Planning Report



**Company:** Dominion E & P  
**Field:** Natural Buttes Field  
**Site:** HCU 12-27F  
**Well:** HCU 12-27F  
**Wellpath:** 1

**Date:** 10/3/2005      **Time:** 10:39:32  
**Co-ordinate(NE) Reference:** HCU 12-27F, True North  
**Vertical (TVD) Reference:** est.KB @ 5190' 0.0  
**Section (VS) Reference:** Site (0.00N,0.00E,286.86Azi)  
**Plan:**                      **Plan #1**

**Page:** 4

**Survey**

MD ft	Incl deg	Azim deg	TVD ft	+N/-S ft	+E/-W ft	VS ft	DLS deg/100ft	Build deg/100ft	Turn deg/100ft	Tool/Comment
1800.00	23.55	286.86	1733.15	106.40	-351.15	366.92	0.00	0.00	0.00	
1900.00	23.55	286.86	1824.83	117.99	-389.39	406.87	0.00	0.00	0.00	
2000.00	23.55	286.86	1916.50	129.58	-427.62	446.82	0.00	0.00	0.00	
2100.00	23.55	286.86	2008.17	141.16	-465.86	486.77	0.00	0.00	0.00	
2200.00	23.55	286.86	2099.85	152.75	-504.09	526.72	0.00	0.00	0.00	
2300.00	23.55	286.86	2191.52	164.33	-542.32	566.68	0.00	0.00	0.00	
2400.00	23.55	286.86	2283.19	175.92	-580.56	606.63	0.00	0.00	0.00	
2500.00	23.55	286.86	2374.86	187.50	-618.79	646.58	0.00	0.00	0.00	
2600.00	23.55	286.86	2466.54	199.09	-657.03	686.53	0.00	0.00	0.00	
2700.00	23.55	286.86	2558.21	210.67	-695.26	726.48	0.00	0.00	0.00	
2800.00	23.55	286.86	2649.88	222.26	-733.50	766.43	0.00	0.00	0.00	
2900.00	23.55	286.86	2741.56	233.85	-771.73	806.38	0.00	0.00	0.00	
3000.00	23.55	286.86	2833.23	245.43	-809.96	846.33	0.00	0.00	0.00	
3100.00	23.55	286.86	2924.90	257.02	-848.20	886.28	0.00	0.00	0.00	
3200.00	23.55	286.86	3016.57	268.60	-886.43	926.24	0.00	0.00	0.00	
3300.00	23.55	286.86	3108.25	280.19	-924.67	966.19	0.00	0.00	0.00	
3400.00	23.55	286.86	3199.92	291.77	-962.90	1006.14	0.00	0.00	0.00	
3500.00	23.55	286.86	3291.59	303.36	-1001.14	1046.09	0.00	0.00	0.00	
3600.00	23.55	286.86	3383.27	314.94	-1039.37	1086.04	0.00	0.00	0.00	
3628.50	23.55	286.86	3409.39	318.25	-1050.27	1097.42	0.00	0.00	0.00	
3700.00	21.76	286.86	3475.37	326.23	-1076.62	1124.96	2.50	-2.50	0.00	
3800.00	19.26	286.86	3569.03	336.39	-1110.15	1160.00	2.50	-2.50	0.00	
3900.00	16.76	286.86	3664.12	345.36	-1139.74	1190.91	2.50	-2.50	0.00	
4000.00	14.26	286.86	3760.47	353.11	-1165.33	1217.65	2.50	-2.50	0.00	
4081.71	12.22	286.86	3840.00	358.54	-1183.23	1236.36	2.50	-2.50	0.00	Wasatch Tongue
4100.00	11.76	286.86	3857.90	359.64	-1186.87	1240.16	2.50	-2.50	0.00	
4200.00	9.26	286.86	3956.21	364.93	-1204.33	1258.40	2.50	-2.50	0.00	
4300.00	6.76	286.86	4055.23	368.97	-1217.66	1272.34	2.50	-2.50	0.00	
4400.00	4.26	286.86	4154.76	371.75	-1226.85	1281.94	2.50	-2.50	0.00	
4415.28	3.88	286.86	4170.00	372.07	-1227.89	1283.02	2.50	-2.50	0.00	Uteland Limestone
4500.00	1.76	286.86	4254.61	373.28	-1231.88	1287.19	2.50	-2.50	0.00	
4570.40	0.00	286.86	4325.00	373.59	-1232.91	1288.27	2.50	-2.50	0.00	Wasatch
4600.00	0.00	286.86	4354.60	373.59	-1232.91	1288.27	0.00	0.00	0.00	
4700.00	0.00	286.86	4454.60	373.59	-1232.91	1288.27	0.00	0.00	0.00	
4800.00	0.00	286.86	4554.60	373.59	-1232.91	1288.27	0.00	0.00	0.00	
4900.00	0.00	286.86	4654.60	373.59	-1232.91	1288.27	0.00	0.00	0.00	
5000.00	0.00	286.86	4754.60	373.59	-1232.91	1288.27	0.00	0.00	0.00	
5100.00	0.00	286.86	4854.60	373.59	-1232.91	1288.27	0.00	0.00	0.00	
5200.00	0.00	286.86	4954.60	373.59	-1232.91	1288.27	0.00	0.00	0.00	
5300.00	0.00	286.86	5054.60	373.59	-1232.91	1288.27	0.00	0.00	0.00	
5400.00	0.00	286.86	5154.60	373.59	-1232.91	1288.27	0.00	0.00	0.00	
5465.40	0.00	286.86	5220.00	373.59	-1232.91	1288.27	0.00	0.00	0.00	Chapita Wells
5500.00	0.00	286.86	5254.60	373.59	-1232.91	1288.27	0.00	0.00	0.00	
5600.00	0.00	286.86	5354.60	373.59	-1232.91	1288.27	0.00	0.00	0.00	
5700.00	0.00	286.86	5454.60	373.59	-1232.91	1288.27	0.00	0.00	0.00	
5800.00	0.00	286.86	5554.60	373.59	-1232.91	1288.27	0.00	0.00	0.00	
5900.00	0.00	286.86	5654.60	373.59	-1232.91	1288.27	0.00	0.00	0.00	
6000.00	0.00	286.86	5754.60	373.59	-1232.91	1288.27	0.00	0.00	0.00	
6100.00	0.00	286.86	5854.60	373.59	-1232.91	1288.27	0.00	0.00	0.00	
6200.00	0.00	286.86	5954.60	373.59	-1232.91	1288.27	0.00	0.00	0.00	
6300.00	0.00	286.86	6054.60	373.59	-1232.91	1288.27	0.00	0.00	0.00	
6400.00	0.00	286.86	6154.60	373.59	-1232.91	1288.27	0.00	0.00	0.00	
6500.00	0.00	286.86	6254.60	373.59	-1232.91	1288.27	0.00	0.00	0.00	
6595.40	0.00	286.86	6350.00	373.59	-1232.91	1288.27	0.00	0.00	0.00	Uteland Buttes



# Ryan Energy Technologie

## Planning Report



**Company:** Dominion E & P  
**Field:** Natural Buttes Field  
**Site:** HCU 12-27F  
**Well:** HCU 12-27F  
**Wellpath:** 1

**Date:** 10/3/2005      **Time:** 10:39:32      **Page:** 5  
**Co-ordinate(N/E) Reference:** HCU 12-27F, True North  
**Vertical (TVD) Reference:** est.KB @ 5190' 0.0  
**Section (VS) Reference:** Site (0.00N,0.00E,286.86Azi)  
**Plan:**      **Plan #1**

### Survey

MD ft	Incl deg	Azim deg	TVD ft	+N/-S ft	+E/-W ft	VS ft	DLS deg/100ft	Build deg/100ft	Turn deg/100ft	Tool/Comment
6600.00	0.00	286.86	6354.60	373.59	-1232.91	1288.27	0.00	0.00	0.00	
6700.00	0.00	286.86	6454.60	373.59	-1232.91	1288.27	0.00	0.00	0.00	
6800.00	0.00	286.86	6554.60	373.59	-1232.91	1288.27	0.00	0.00	0.00	
6900.00	0.00	286.86	6654.60	373.59	-1232.91	1288.27	0.00	0.00	0.00	
7000.00	0.00	286.86	6754.60	373.59	-1232.91	1288.27	0.00	0.00	0.00	
7100.00	0.00	286.86	6854.60	373.59	-1232.91	1288.27	0.00	0.00	0.00	
7200.00	0.00	286.86	6954.60	373.59	-1232.91	1288.27	0.00	0.00	0.00	
7300.00	0.00	286.86	7054.60	373.59	-1232.91	1288.27	0.00	0.00	0.00	
7355.40	0.00	286.86	7110.00	373.59	-1232.91	1288.27	0.00	0.00	0.00	Mesaverde
7400.00	0.00	286.86	7154.60	373.59	-1232.91	1288.27	0.00	0.00	0.00	
7500.00	0.00	286.86	7254.60	373.59	-1232.91	1288.27	0.00	0.00	0.00	
7600.00	0.00	286.86	7354.60	373.59	-1232.91	1288.27	0.00	0.00	0.00	
7700.00	0.00	286.86	7454.60	373.59	-1232.91	1288.27	0.00	0.00	0.00	
7800.00	0.00	286.86	7554.60	373.59	-1232.91	1288.27	0.00	0.00	0.00	
7900.00	0.00	286.86	7654.60	373.59	-1232.91	1288.27	0.00	0.00	0.00	
8000.00	0.00	286.86	7754.60	373.59	-1232.91	1288.27	0.00	0.00	0.00	
8100.00	0.00	286.86	7854.60	373.59	-1232.91	1288.27	0.00	0.00	0.00	
8200.00	0.00	286.86	7954.60	373.59	-1232.91	1288.27	0.00	0.00	0.00	
8220.40	0.00	286.86	7975.00	373.59	-1232.91	1288.27	0.00	0.00	0.00	BHL (Proposed)

### Formations

MD ft	TVD ft	Formations	Lithology	Dip Angle deg	Dip Direction deg
4081.71	3840.00	Wasatch Tongue		0.00	0.00
4415.28	4170.00	Uteland Limestone		0.00	0.00
4570.40	4325.00	Wasatch		0.00	0.00
5465.40	5220.00	Chapita Wells		0.00	0.00
6595.40	6350.00	Uteland Buttes		0.00	0.00
7355.40	7110.00	Mesaverde		0.00	0.00

### Annotation

MD ft	TVD ft	
550.00	550.00	KOP
8220.40	7975.00	BHL (Proposed)

**SURFACE USE PLAN**

**CONDITIONS OF APPROVAL**

*Attachment for Permit to Drill*

**Name of Operator:** Dominion Exploration & Production  
**Address:** 14000 Quail Springs Parkway, Suite 600  
Oklahoma City, OK 73134  
**Well Location:** HCU 12-27F  
SHL: 1607' FSL & 1885' FWL, Section 27-10S-20E  
BHL: 1980' FSL & 660' FWL, Section 27-10S-20E  
Uintah County, UT

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

The tribal onsite inspection for the referenced well was conducted on Wednesday, November 9, 2005 at approximately 3:30 pm. In attendance at the onsite inspection were the following individuals:

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

1. Existing Roads:

- a. The proposed well site is located approximately 12.01 miles south of Ouray, UT.
- b. Directions to the proposed well site have been attached at the end of Exhibit B.
- c. The use of roads under State and County Road Department maintenance are necessary to access the Hill Creek Unit. However, an encroachment permit is not anticipated since no upgrades to the State or County Road system are proposed at this time.
- d. All existing roads will be maintained and kept in good repair during all phases of operation.
- e. Vehicle operators will obey posted speed restrictions and observe safe speeds commensurate with road and weather conditions.
- f. Since no improvements are anticipated to the State, County, Tribal or BLM access roads no topsoil striping will occur.
- g. An off-lease federal right-of-way is not anticipated for the access road or utility corridor since both are located within the existing Hill Creek Unit boundary.
- h. A tribal right-of-way has been submitted for the wellsite, access and pipeline disturbances on Ute Indian Tribe surface.

2. Planned Access Roads:

- a. The HCU 12-27F utilizes the existing access to the HCU 14-27F in its entirety. No new access road is proposed with this application.

3. Location of Existing Wells:

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

4. Location of Production Facilities:

- a. All permanent structures will be painted a flat, non-reflective Desert Brown to match the standard environmental colors. All facilities will be painted within six months of installation. Facilities required to comply with the Occupational Safety and Health Act (OSHA) may be excluded.
- b. Site security guidelines identified in 43 CFR 3163.7-5 and Onshore Oil and Gas Order No. 3 will be adhered to.
- c. A gas meter run will be constructed and located on lease within 500 feet of the wellhead. Meter runs will be housed and/or fenced. All gas production and measurement shall comply with the provisions of 43 CFR 3162.7-3, Onshore Oil and Gas Order No. 5, and American Gas Association (AGA) Report No. 3.
- d. A tank battery will be constructed on this lease, it will be surrounded by a dike of sufficient capacity to contain the storage capacity of the largest tank. All loading lines and valves will be placed inside the berm surrounding the tank battery. All liquid hydrocarbons production and measurement shall conform to the provisions of 43 CFR 3162.7-3 and Onshore Oil and Gas Order No. 4 and Onshore Oil and Gas Order No. 5 for natural gas production and measurement.
- e. Any necessary pits will be properly fenced to prevent any wildlife and livestock entry.
- f. All access roads will be maintained as necessary to prevent erosion and accommodate year-round traffic. The road will be maintained in a safe useable condition.
- g. The site will require periodic maintenance to ensure that drainages are kept open and free of debris, ice, and snow, and that surfaces are properly treated to reduce erosion, fugitive dust, and impacts to adjacent areas.
- h. The HCU 12-27F utilizes the existing pipeline to the HCU 14-27F in its entirety. No new pipeline is proposed with this application.

5. Location and Type of Water Supply:

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

6. Source of Construction Material:

- a. The use of materials will conform to 43 CFR 3610.2-3.
- b. No construction materials will be removed from Ute Tribal or BLM lands.
- c. If any gravel is used, it will be obtained from a state approved gravel pit.

7. Methods of Handling Waste Disposal:

- a. All wastes associated with this application will be contained and disposed of utilizing approved facilities.
- b. Drill cuttings will be contained and buried on site.
- c. The reserve pit will be located outboard of the location and along the southwest side of the pad.
- d. The reserve pit will be constructed so as not to leak, break, or allow any discharge.
- e. The reserve pit will be lined with 12 mil minimum thickness plastic nylon reinforced liner material. The liner will overlay a felt liner pad only if rock is encountered during excavation. The pit liner will overlap the pit walls and be covered with dirt and/or rocks to hold it in place. No trash, scrap pipe, etc., that could puncture the liner will be disposed of in the pit. Pit walls will be sloped no greater than 2:1. A minimum 2-foot freeboard will be maintained in the pit at all times during the drilling and completion operation.
- f. The reserve pit has been located in cut material. Three sides of the reserve pit will be fenced before drilling starts. The fourth side will be fenced as soon as drilling is completed, and shall remain until the pit is dry. After the reserve pit has dried, all areas not needed for production will be rehabilitated.
- g. No chemicals subject to reporting under SARA Title III (hazardous materials) in an amount greater than 10,000 pounds will be used, produced, stored, transported, or disposed of annually in association with the drilling, testing, or completion of the well. Furthermore, no extremely hazardous substances, as defined in 40 CFR 355, in threshold planning quantities, will be used, produced, stored, transported, or disposed of in association with the drilling, testing, or completion of the well.
- h. Trash will be contained in a trash cage and hauled away to an approved disposal site as necessary but no later than at the completion of drilling operations. The contents of the trash container will be hauled off periodically to the approved Uintah County Landfill near Vernal, Utah.
- i. Produced fluids from the well other than water will be produced into a test tank until such time as construction of production facilities is completed. Any spills of oil, gas, salt water or other produced fluids will be cleaned up and removed.
- j. After initial clean-up, a 400 bbl tank will be installed to contain produced waste water. This water will be transported from the tank to an approved Dominion disposal well for disposal.
- k. **Produced water from the production well will be disposed of at the RBU 13-11F or RBU 16-19F disposal wells in accordance with Onshore Order #7.**

- l. Any salts and/or chemicals, which are an integral part of the drilling system, will be disposed of in the same manner as the drilling fluid.
- m. Sanitary facilities will be on site at all times during operations. Sewage will be placed in a portable chemical toilet and the toilet replaced periodically utilizing a licensed contractor to transport by truck the portable chemical toilet so that its contents can be delivered to the Vernal Wastewater Treatment Facility in accordance with state and county regulations.

8. Ancillary Facilities:

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

9. Well Site Layout: (See Exhibit B)

- a. The well will be properly identified in accordance with 43 CFR 3162.6.
- b. Access to the well pad will be from the southeast.
- c. The pad and road designs are consistent with BLM specification
- d. A pre-construction meeting with responsible company representative, contractors, and the Ute Tribe will be conducted at the project site prior to commencement of surface-disturbing activities. The pad and road will be construction-staked prior to this meeting.
- e. The pad has been staked at its maximum size of 355' X 200'; however it will be constructed smaller if possible, depending upon rig availability. Should the layout change, this application will be amended and approved utilizing a sundry notice.
- f. All surface disturbing activities, will be supervised by a qualified, responsible company representative who is aware of the terms and conditions of the APD and specifications in the approved plans.
- g. All cut and fill slopes will be such that stability can be maintained for the life of the activity.
- h. Diversion ditches will be constructed as shown around the well site to prevent surface waters from entering the well site area.
- i. The site surface will be graded to drain away from the pit to avoid pit spillage during large storm events.
- j. The stockpiled topsoil (first 6 inches or maximum available) will be stored in a windrow on the uphill side of the location to prevent any possible contamination. All topsoil will be stockpiled for reclamation in such a way as to prevent soil loss and contamination.
- k. Pits will remain fenced until site cleanup.
- l. The blooie line will be located at least 100 feet from the well head.
- m. Water injection may be implemented if necessary to minimize the amount of fugitive dust.

10. Plans for Restoration of the Surface:

- a. Site reclamation for a producing well will be accomplished for portions of the site not required for the continued operation of the well.
- b. The Operator will control noxious weeds along access road use authorizations, pipeline route authorizations, well sites, or other applicable facilities by spraying or mechanical removal. A list of noxious weeds may be obtained from the BLM or the appropriate County Extension Office. On Tribal administered land, it is required that a Pesticide Use Proposal be submitted and approved prior to the application of herbicides, pesticides or possibly hazardous chemicals.
- c. Upon well completion, any hydrocarbons in the pit shall be removed in accordance with 43 CFR 3162.7-1. Once the reserve pit is dry, the plastic nylon reinforced liner shall be torn and perforated before backfilling of the reserve pit. The reserve pit and that portion of the location not needed for production facilities/operations will be recontoured to the approximate natural contours.
- d. The cut and fill slopes and all other disturbed areas not needed for the production operation will be top soiled and re-vegetated. The stockpiled topsoil will be evenly distributed over the disturbed area.
- e. Prior to reseeding the site, all disturbed areas, including the access road, will be scarified and left with a rough surface. The site will then be seeded and/or planted as prescribed by the Ute Indian Tribe. The Ute Indian Tribe recommended seed mix will be detailed within their approval documents.

11. Surface and Mineral Ownership:

- a. Surface Ownership – Ute Indian Tribe under the management of the Bureau of Indian Affairs – Uintah and Ouray Agency, P.O. Box 130, 988 South 7500 East, Ft. Duchesne, Utah 84026, 435-722-4300.
- b. Mineral Ownership – Federal under the management of the Bureau of Land Management - Vernal Field Office, 170 South 500 East, Vernal, Utah 84078; 435-781-4400.

12. Other Information:

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

13. Operator's Representative and Certification

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

**Certification:**

I hereby certify that I, or persons under my direct supervision, have inspected the proposed drill site and access route; that I am familiar with the conditions which currently exists; that the statements made in this APD package are, to the best of my knowledge, true and correct; and that the work associated with the operations proposed herein will be performed by Dominion Exploration & Production, Inc. and its contractors and subcontractors in conformity with this APD package and the terms and conditions under which it is approved. I also certify responsibility for the operations conducted on that portion of the leased lands associated with this application, with bond coverage being provided under Dominion's BLM bond. This statement is subject to the provisions of 18 U.S.C. 1001 for the filing of a false statement.

Signature: Don Hamilton Date: 11-23-05

DOMINION EXPLR. & PROD., INC.

HCU#14-27F & #12-27FX

SECTION 27, T10S, R20E, S.L.B.&M.

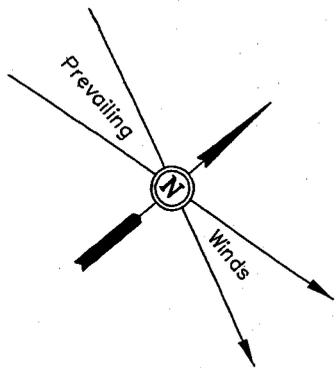
PROCEED IN A WESTERLY DIRECTION FROM VERNAL, UTAH ALONG U.S. HIGHWAY 40 APPROXIMATELY 14.0 MILES TO THE JUNCTION OF STATE HIGHWAY 88; EXIT LEFT AND PROCEED IN A SOUTHERLY DIRECTION APPROXIMATELY 17.0 MILES TO OURAY, UTAH; PROCEED IN A SOUTHERLY, THEN SOUTHEASTERLY DIRECTION APPROXIMATELY 13.4 MILES ON THE SEEP RIDGE ROAD TO THE JUNCTION OF THIS ROAD AND AN EXISTING ROAD TO THE SOUTHWEST; TURN RIGHT AND PROCEED IN A SOUTHWESTERLY, THEN NORTHWESTERLY DIRECTION APPROXIMATELY 3.2 MILES TO THE JUNCTION OF THIS ROAD AND AN EXISTING ROAD TO THE SOUTHWEST; TURN LEFT AND PROCEED IN A SOUTHWESTERLY, THEN NORTHWESTERLY DIRECTION APPROXIMATELY 0.2 MILES TO THE PROPOSED LOCATION.

TOTAL DISTANCE FROM VERNAL, UTAH TO THE PROPOSED WELL LOCATION IS APPROXIMATELY 47.8 MILES.

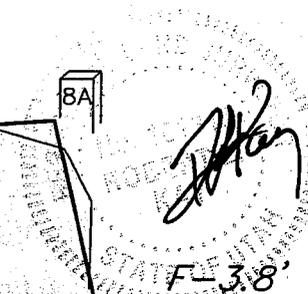
# UNION EXPLR. & PROD., C.

## LOCATION LAYOUT FOR

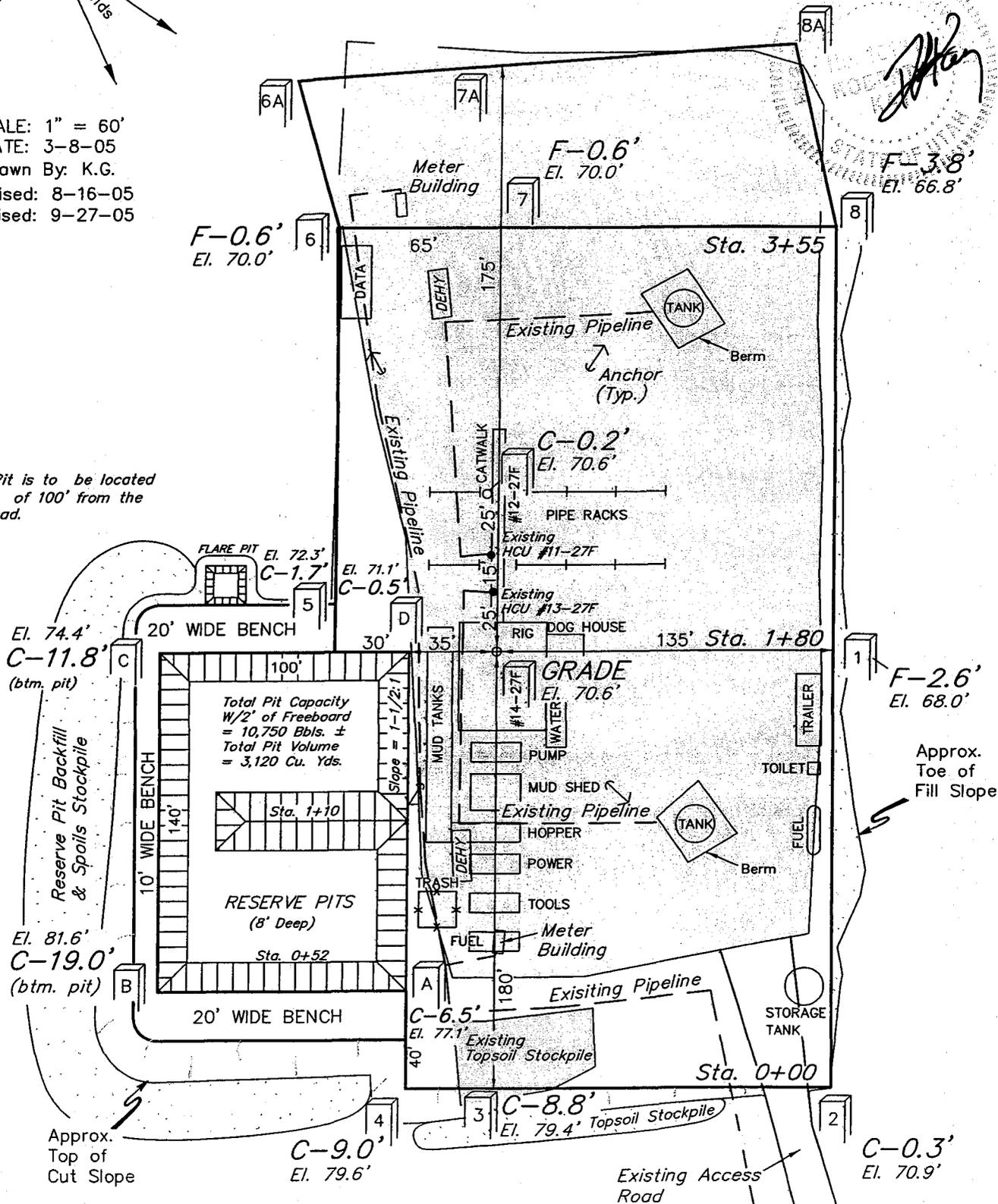
HCU #14-27F & #12-27F  
SECTION 27, T10S, R20E, S.L.B.&M.  
NE 1/4 SW 1/4



SCALE: 1" = 60'  
DATE: 3-8-05  
Drawn By: K.G.  
Revised: 8-16-05  
Revised: 9-27-05



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



Elev. Graded Ground at #14-27F Location Stake = 5170.6'

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

MINION EXPLR. & PROD., INC.

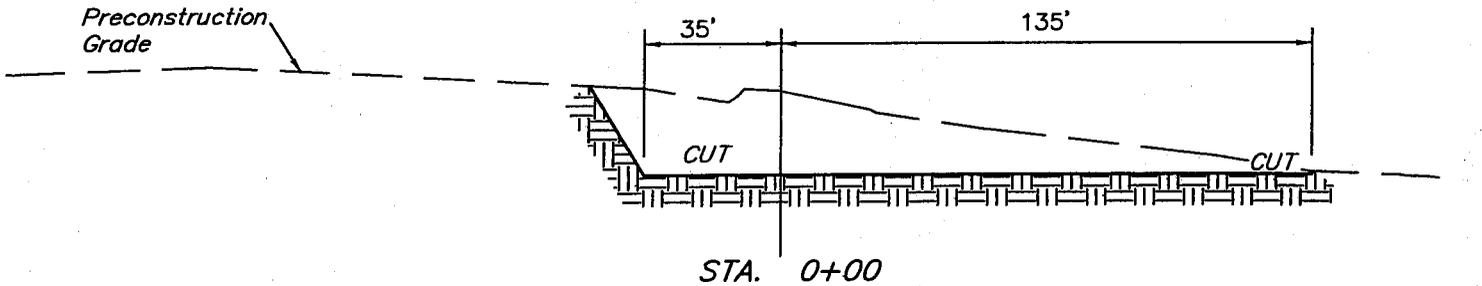
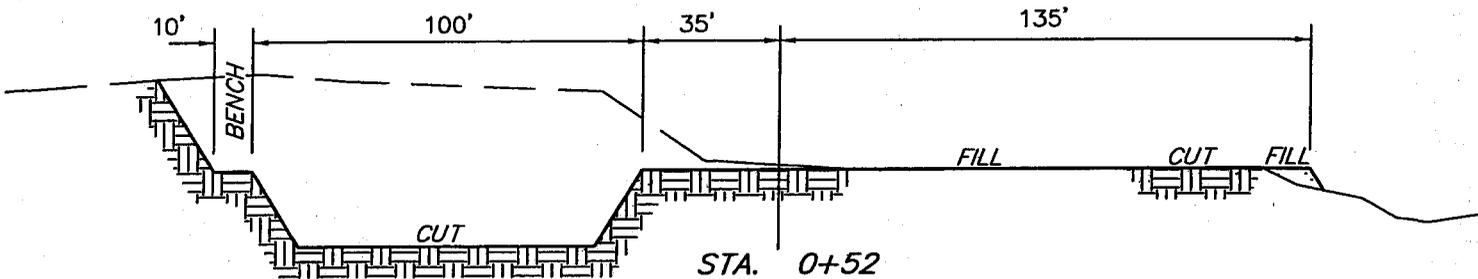
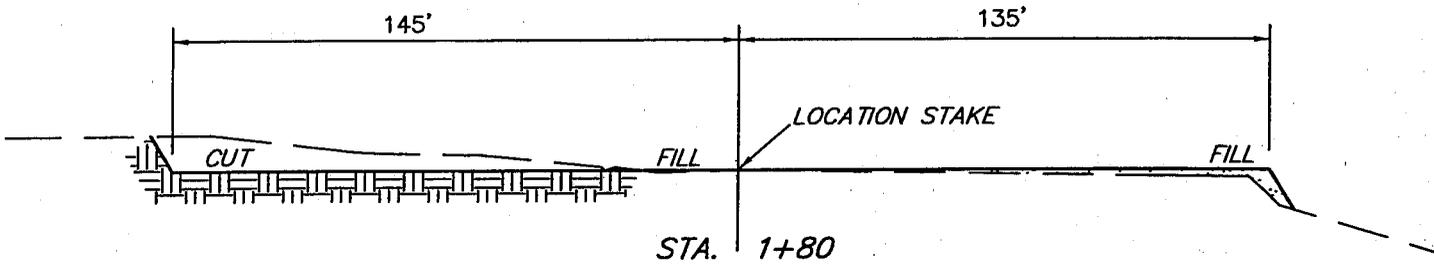
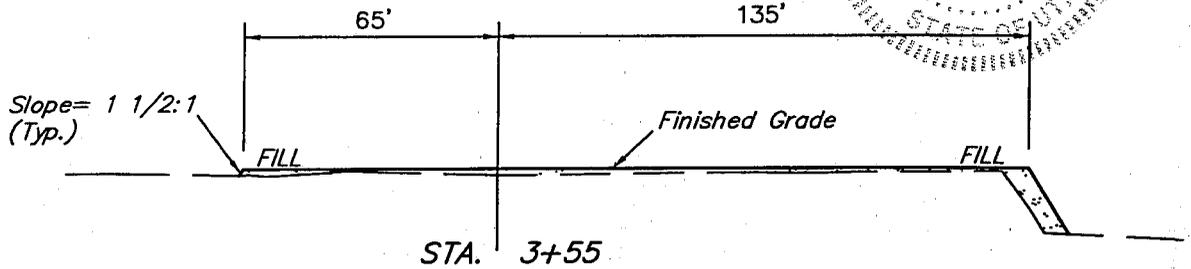
TYPICAL CROSS SECTIONS FOR

HCU #14-27F & #12-27F  
SECTION 27, T10S, R20E, S.L.B.&M.  
NE 1/4 SW 1/4

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



DATE: 3-8-05  
Drawn By: K.G.  
Revised: 8-16-05  
Revised: 9-27-05



APPROXIMATE YARDAGES

<b>CUT</b>	
(12") Topsoil Stripping	= 1,250 Cu. Yds.
(New Construction Only)	
Remaining Location	= 8,700 Cu. Yds.
<b>TOTAL CUT</b>	<b>= 9,950 CU.YDS.</b>
<b>FILL</b>	<b>= 1,930 CU.YDS.</b>

\* NOTE:  
FILL QUANTITY INCLUDES  
5% FOR COMPACTION

EXCESS MATERIAL	= 8,020 Cu. Yds.
Topsoil & Pit Backfill (1/2 Pit Vol.)	= 2,810 Cu. Yds.
EXCESS UNBALANCE (After Rehabilitation)	= 5,210 Cu. Yds.

# DOMINION EXPLR. & PROD., INC.

HCU#14-27F & #12-27F  
LOCATED IN UTAH COUNTY, UTAH  
SECTION 27, T10S, R20E, S.L.B.&M.

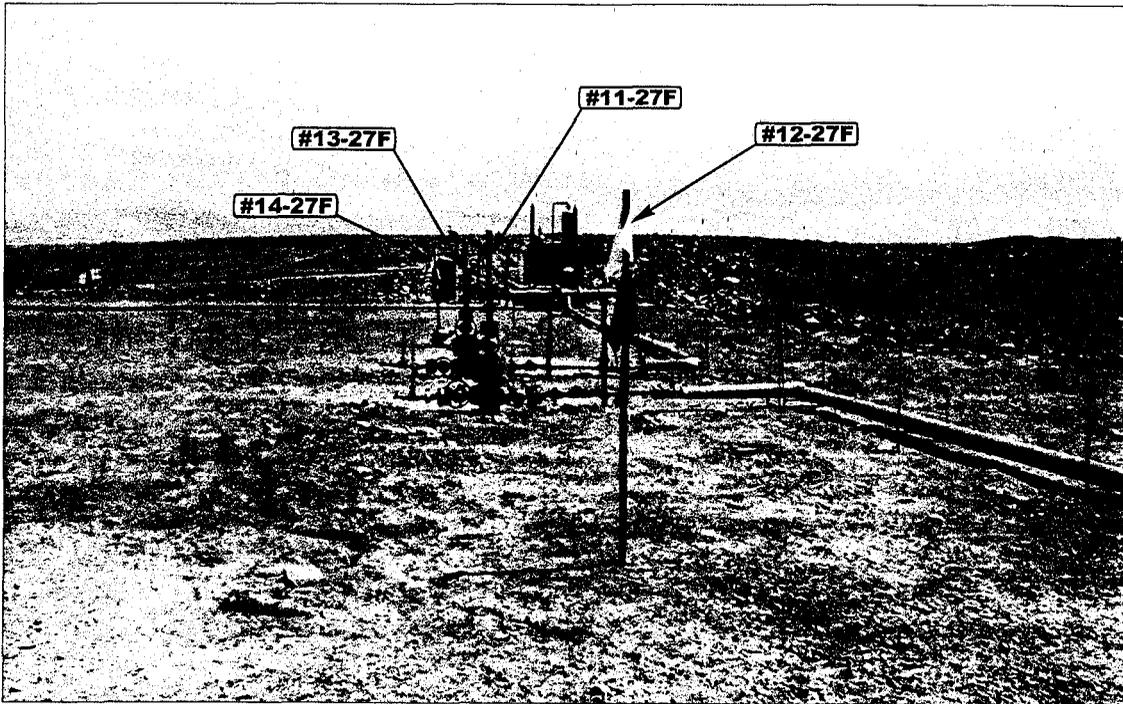


PHOTO: VIEW OF LOCATION STAKES

CAMERA ANGLE: SOUTHEASTERLY

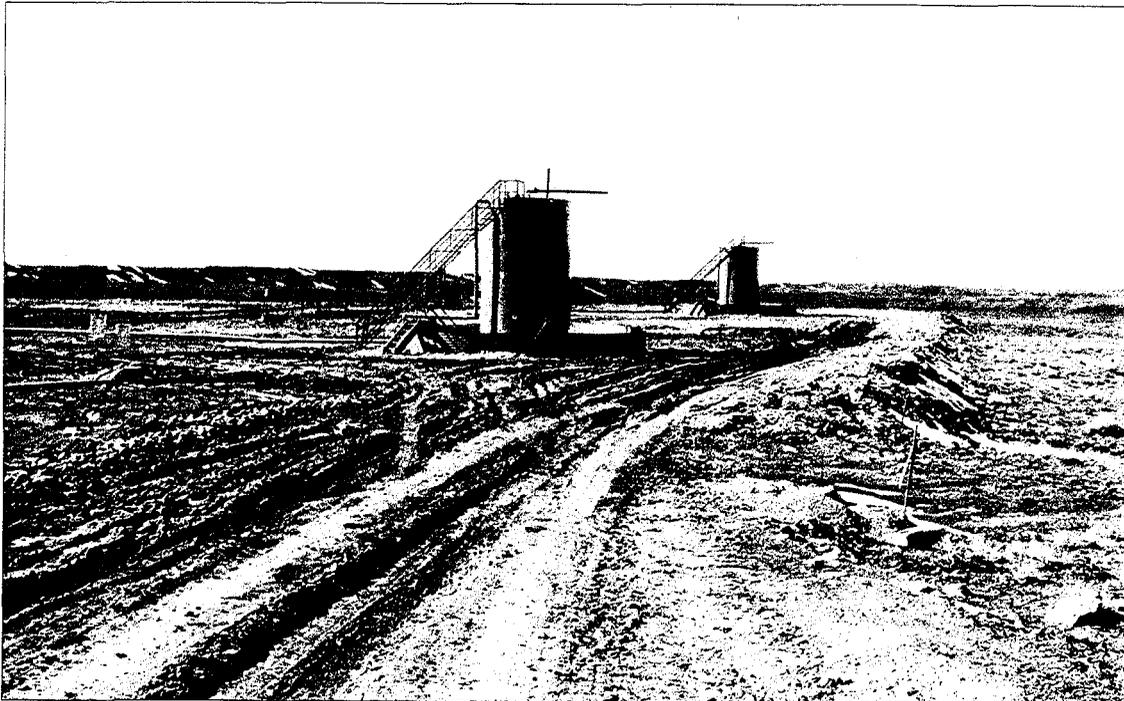


PHOTO: VIEW OF EXISTING ACCESS

CAMERA ANGLE: NORTHWESTERLY



- Since 1964 -

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

LOCATION PHOTOS

08 | 18 | 05  
MONTH | DAY | YEAR

PHOTO

TAKEN BY: B.B.

DRAWN BY: C.P.

REVISED: 09-27-05



R  
20  
E

PROPOSED LOCATION:  
HCU #14-27F & #12-27F

0.2 MI. +/-

OURAY 16.6 MI. +/-

T10S

T11S

**LEGEND:**

- EXISTING ROAD
- - - - - PROPOSED ACCESS ROAD



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

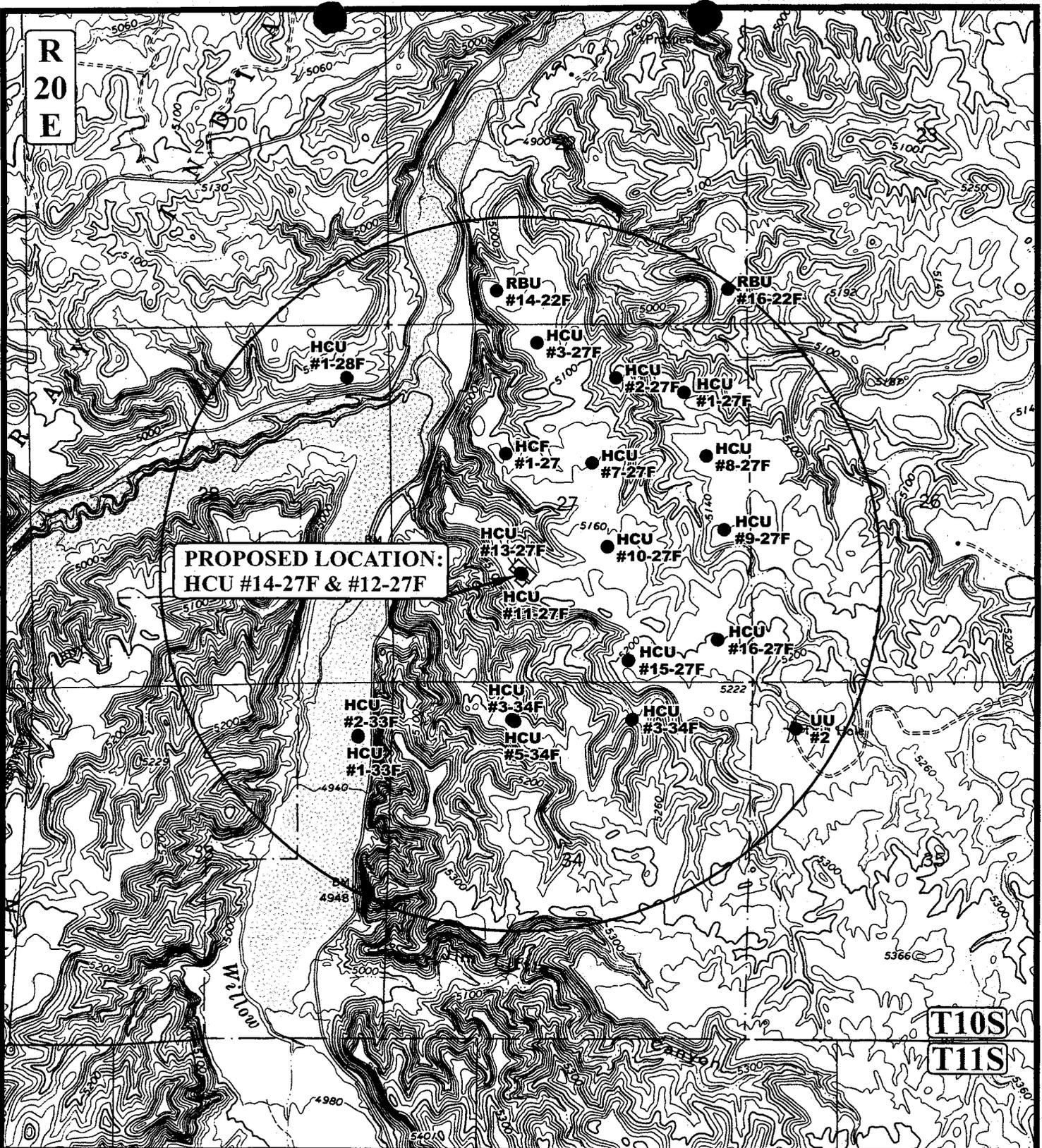
HCU #14-27F & #12-27F  
SECTION 27, T10S, R20E, S.L.B.&M.  
NE 1/4 SW 1/4



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

TOPOGRAPHIC	05	01	03
MAP	MONTH	DAY	YEAR
SCALE: 1" = 2000'	DRAWN BY: J.L.G.		REVISED: 09-27-05CP





R  
20  
E

**PROPOSED LOCATION:  
HCU #14-27F & #12-27F**

T10S  
T11S

- LEGEND:**
- ⊗ DISPOSAL WELLS
  - PRODUCING WELLS
  - ⬮ SHUT IN WELLS
  - ⊕ WATER WELLS
  - ⬮ ABANDONED WELLS
  - ⬮ TEMPORARILY ABANDONED

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

HCU #14-27F & #12-27F  
SECTION 27, T10S, R20E, S.L.B.&M.  
NE 1/4 SW 1/4

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

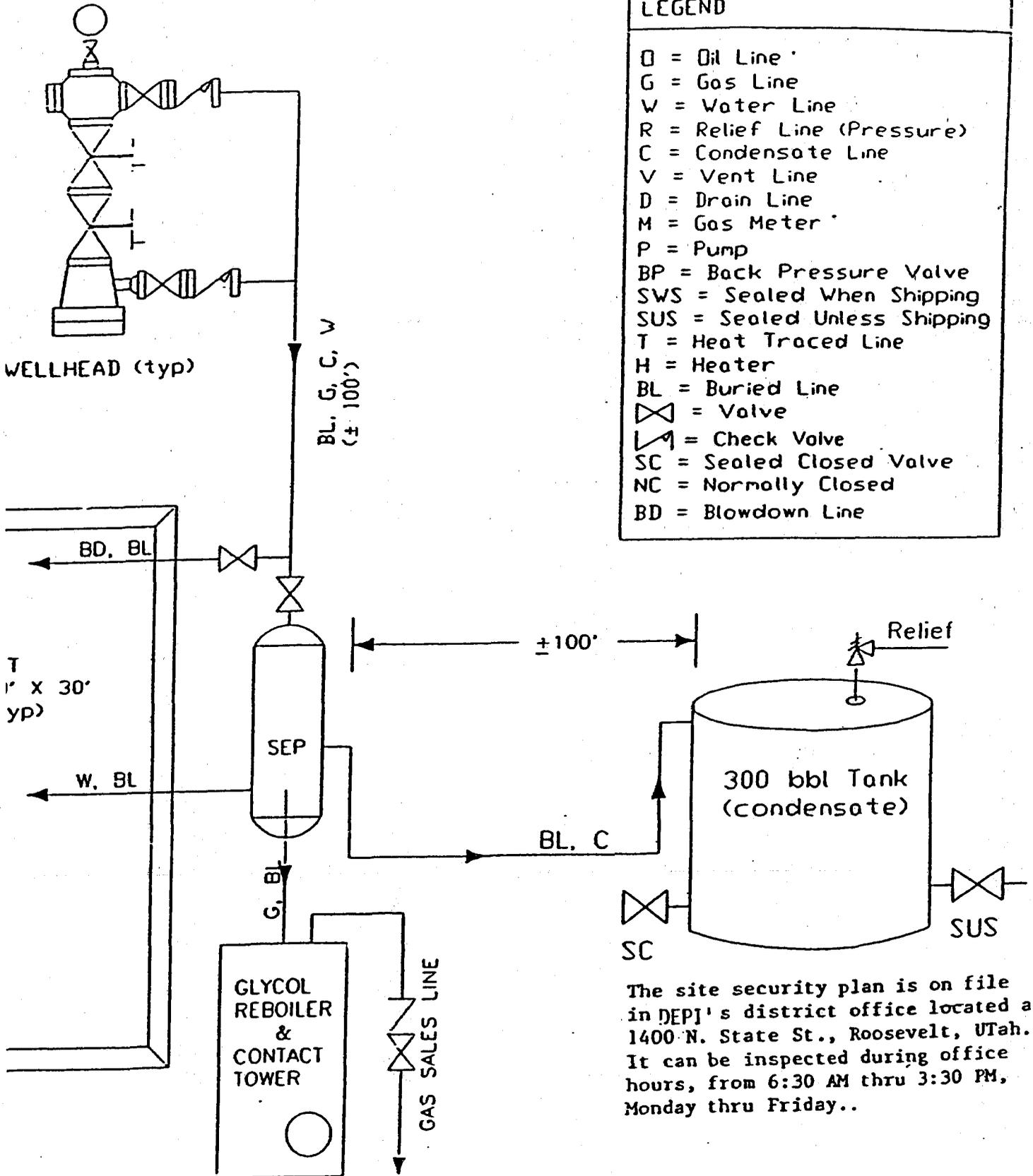


**TOPOGRAPHIC** 05 01 03  
**MAP** MONTH DAY YEAR  
SCALE: 1" = 2000' DRAWN BY: J.L.G. REVISED: 09-27-05C.P. **C**  
TOPO

CONFIDENTIAL

LEGEND

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



The site security plan is on file in DEPI's district office located at 1400 N. State St., Roosevelt, Utah. It can be inspected during office hours, from 6:30 AM thru 3:30 PM, Monday thru Friday..

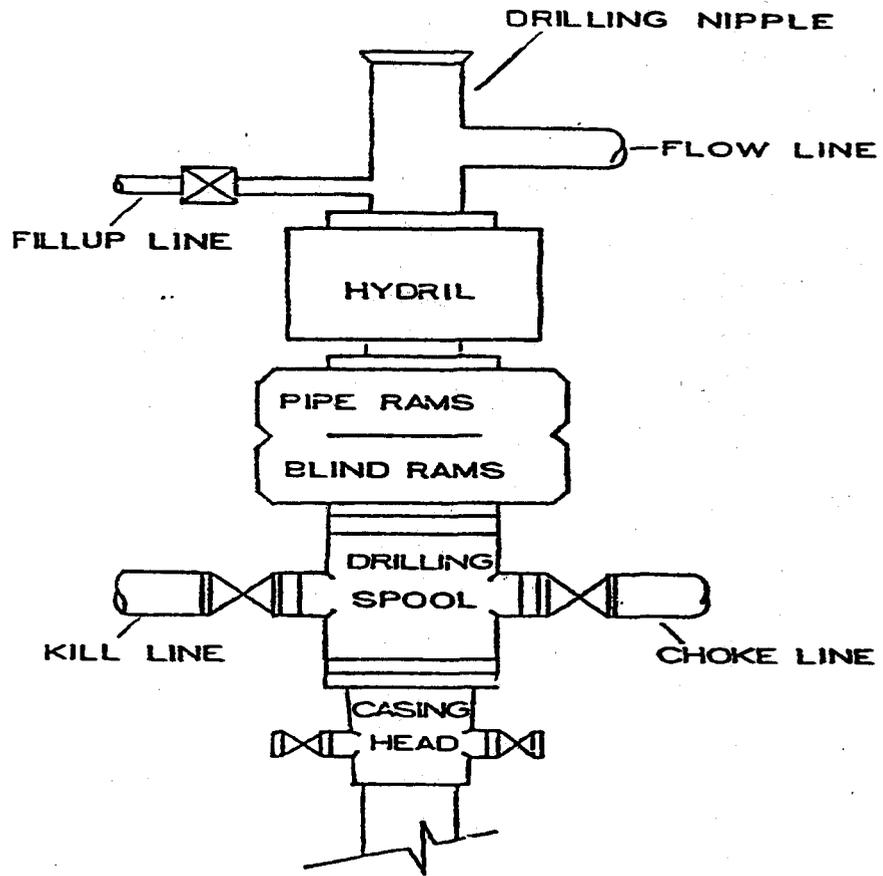
DOMINION EXPLORATION & PRODUCTION, INC.

TYPICAL FLOW DIAGRAM

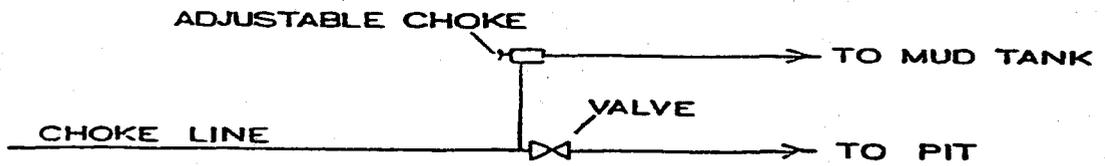
not to scale

date: / /

BOP STACK - 3000#



CHOKE MANIFOLD - 3000#



**WORKSHEET  
APPLICATION FOR PERMIT TO DRILL**

APD RECEIVED: 11/28/2005

API NO. ASSIGNED: 43-047-37424

WELL NAME: HCU 12-27F  
 OPERATOR: DOMINION EXPL & PROD ( N1095 )  
 CONTACT: DON HAMILTON

PHONE NUMBER: 435-650-1886

PROPOSED LOCATION:

NESW 27 100S 200E  
 SURFACE: 1607 FSL 1885 FWL  
 NWSW BOTTOM: 1980 FSL 0660 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-29784  
 SURFACE OWNER: 2 - Indian  
 PROPOSED FORMATION: MVRD  
 COALBED METHANE WELL? NO

LATITUDE: 39.91552  
 LONGITUDE: -109.6529

RECEIVED AND/OR REVIEWED:

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

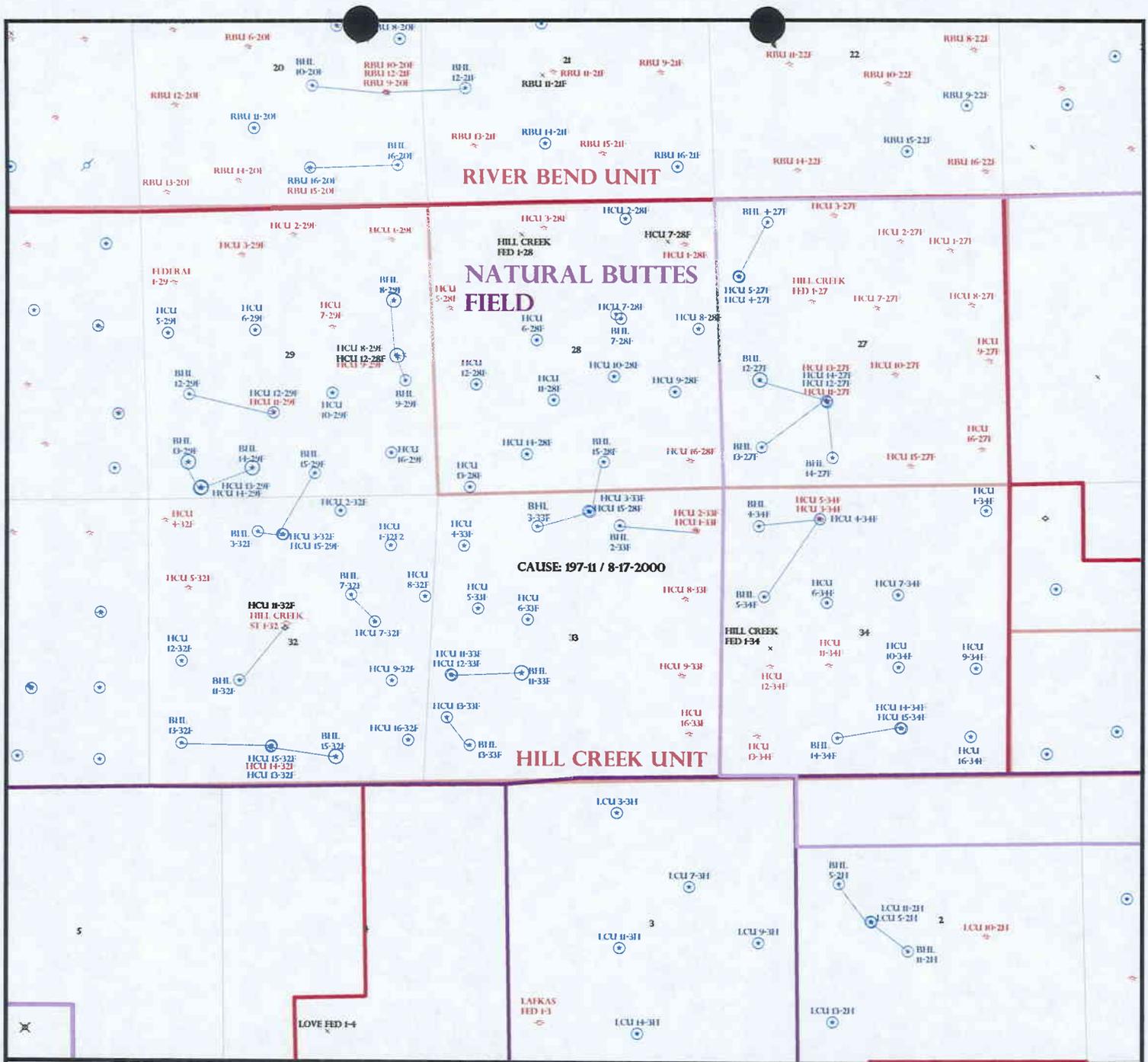
LOCATION AND SITING:

- R649-2-3.
- Unit 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: Suspends General Siting
- R649-3-11. Directional Drill\*

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

STIPULATIONS: 1- Federal Approved

2- OIL SHALE



**RIVER BEND UNIT**

**NATURAL BUTTES FIELD**

CAUSE: 197-11 / 8-17-2000

**HILL CREEK UNIT**

OPERATOR: DOMINION EXPL & PROD N1095)

SEC: 27,29,32 T. 10S R. 20E

FIELD: NATURAL BUTTES (630)

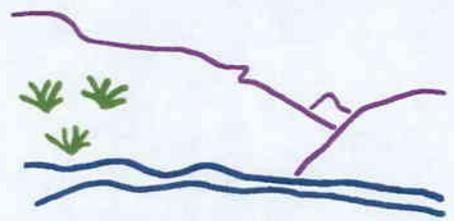
COUNTY: UINTAH

CAUSE: 197-11 / 8-17-2000

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

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

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



Utah Oil Gas and Mining



PREPARED BY: DIANA WHITNEY  
DATE: 29-NOVEMBER-2005

# 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)

November 29, 2005

**Memorandum**

**To:** Assistant District Manager Minerals, Vernal District

**From:** Michael Coulthard, Petroleum Engineer

**Subject:** 2005 Plan of Development Hill Creek Unit Uintah County, Utah.

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

API#	WELL NAME	LOCATION
(Proposed PZ MesaVerde)		
43-047-37422	HCU 15-32F Sec 32	T10S R20E 0760 FSL 2246 FWL
	BHL Sec 32	T10S R20E 0500 FSL 1600 FEL
43-047-37424	HCU 12-27F Sec 27	T10S R20E 1607 FSL 1885 FWL
	BHL Sec 27	T10S R20E 1980 FSL 0660 FWL
43-047-37425	HCU 14-29F Sec 29	T10S R20E 0232 FSL 0971 FWL
	BHL Sec 29	T10S R20E 0600 FSL 1900 FWL
43-047-37426	HCU 13-29F Sec 29	T10S R20E 0209 FSL 0961 FWL
	BHL Sec 29	T10S R20E 0700 FSL 0750 FWL
43-047-37427	HCU 8-29F Sec 29	T10S R20E 2593 FSL 0675 FEL
	BHL Sec 29	T10S R20E 1700 FNL 0700 FEL

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

/s/ Michael L. Coulthard



**State of Utah**

**Department of  
Natural Resources**

MICHAEL R. STYLER  
*Executive Director*

**Division of  
Oil, Gas & Mining**

JOHN R. BAZA  
*Division Director*

JON M. HUNTSMAN, JR.  
*Governor*

GARY R. HERBERT  
*Lieutenant Governor*

November 29, 2005

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

Re: Hill Creek Unit 12-27F Well, Surface Location 1607' FSL, 1885' FWL, NE SW,  
Sec. 27, T. 10 South, R. 20 East, Bottom Location 1980' FSL, 660' FWL,  
NW SW, Sec. 27, 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 43-047-37424.

Sincerely,

Gil Hunt  
Associate Director

pab

Enclosures

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

Operator: Dominion Exploration & Production, Inc.  
Well Name & Number Hill Creek Unit 12-27F  
API Number: 43-047-37424  
Lease: U-29784

Surface Location: NE SW      Sec. 27      T. 10 South      R. 20 East  
Bottom Location: NW SW      Sec. 27      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. State approval of this well does not supersede the required federal approval, which must be obtained prior to drilling.

5. In accordance with Utah Admin. R.649-3-11, Directional Drilling, the operator shall submit a complete angular deviation and directional survey report to the Division within 30 days following completion of the well.

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

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENT

**CONFIDENTIAL**

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

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

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)  
 1607' FSL & 1885' FWL, NE SW, Section 27-10S-20E, Surface  
 1980' FSL & 660' FWL, NW SW Sec. 27-10S-20E, Bottom

5. Lease Serial No.  
 U-29784

6. If Indian, Allottee or Tribe Name

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

8. Well Name and No.  
 HCU 12-27F

9. API Well No.  
 43-047-37424

10. Field and Pool, or Exploratory Area  
 Natural Buttes

11. County or Parish, State  
 Uintah, UT

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

TYPE OF SUBMISSION	TYPE OF ACTION			
<input checked="" type="checkbox"/> Notice of Intent	<input type="checkbox"/> Acidize	<input type="checkbox"/> Deepen	<input type="checkbox"/> Production (Start/Resume)	<input type="checkbox"/> Water Shut-Off
<input type="checkbox"/> Subsequent Report	<input type="checkbox"/> Altering Casing	<input type="checkbox"/> Fracture Treat	<input type="checkbox"/> Reclamation	<input type="checkbox"/> Well Integrity
<input type="checkbox"/> Final Abandonment Notice	<input type="checkbox"/> Casing Repair	<input type="checkbox"/> New Construction	<input type="checkbox"/> Recomplete	<input checked="" type="checkbox"/> Other
	<input type="checkbox"/> Change Plans	<input type="checkbox"/> Plug and Abandon	<input type="checkbox"/> Temporarily Abandon	APD Extension
	<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 site is ready for final inspection.)

The State APD expires November 29, 2006. Dominion is hereby requesting a one year extension.

Approved by the  
Utah Division of  
Oil, Gas and Mining

Date: 10-31-06  
By: [Signature]

COPY SENT TO OPERATOR  
Date: 10-21-06  
Initials: PM

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

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

Signature                      [Signature]                      Date                      10/26/2006

THIS SPACE FOR FEDERAL OR STATE OFFICE USE

Approved by                      Title                      Date

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

Office

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

RECEIVED  
OCT 30 2006  
DIV. OF OIL, GAS & MINING

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

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

**API:** 43-047-37424  
**Well Name:** HCU 12-27F  
**Location:** Section 27-10S-20E, 1607' FSL & 1885' FWL  
**Company Permit Issued to:** Dominion Exploration & Production, Inc.  
**Date Original Permit Issued:** 11/29/2005

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

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

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

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

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

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

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

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

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

Carla Christian  
Signature

10/26/2006  
Date

Title: Sr. Regulatory Specialist

Representing: Dominion Exploration & Production, Inc.

**RECEIVED**  
**OCT 30 2006**  
DIV. OF OIL, GAS & MINING

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

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

5. Lease Serial No. <b>U-29784</b>	
6. If Indian, Allottee or Tribe Name <b>Ute Indian Tribe</b>	
7. If Unit or CA Agreement, Name and No. <b>Hill Creek Unit</b>	
8. Lease Name and Well No. <b>HCU 12-27F</b>	
9. API Well No. <b>43,047,3742A</b>	
1a. Type of work: <input checked="" type="checkbox"/> DRILL <input type="checkbox"/> REENTER	10. Field and Pool, or Exploratory <b>Natural Buttes</b>
1b. Type of Well: <input checked="" type="checkbox"/> Oil Well <input type="checkbox"/> Gas Well <input type="checkbox"/> Other <input checked="" type="checkbox"/> Single Zone <input type="checkbox"/> Multiple Zone	11. Sec., T. R. M. or Blk. and Survey or Area <b>Section 27, T10S, R20E, SLB&amp;M</b>
2. Name of Operator <b>Dominion Exploration &amp; Production, Inc.</b>	12. County or Parish <b>Uintah</b>
3a. Address <b>14000 Quail Springs Parkway, Suite 600 Oklahoma City, OK 73134</b>	13. State <b>UT</b>
3b. Phone No. (include area code) <b>405-749-5263</b>	14. Distance in miles and direction from nearest town or post office* <b>12.01 miles south of Ouray, Utah</b>
4. Location of Well (Report location clearly and in accordance with any State requirements*) At surface <b>1,607' FSL &amp; 1,885' FWL, NE/4 SW/4</b> At proposed prod. zone <b>1,980' FSL &amp; 660' FWL, NW/4 SW/4</b>	15. Distance from proposed* location to nearest property or lease line, ft. (Also to nearest drig. unit line, if any) <b>738'</b>
16. No. of acres in lease <b>640 acres</b>	17. Spacing Unit dedicated to this well <b>40 acres</b>
18. Distance from proposed location* to nearest well, drilling, completed, applied for, on this lease, ft. <b>25'</b>	19. Proposed Depth <b>7,975' (8,220' MD)</b>
20. BLM/BIA Bond No. on file <b>76S 63050 0330</b>	21. Elevations (Show whether DF, KDB, RT, GL, etc.) <b>5,170' GR</b>
22. Approximate date work will start* <b>03/01/2006</b>	23. Estimated duration <b>14 days</b>

24. Attachments

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

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

25. Signature <i>Don Hamilton</i>	Name (Printed/Typed) <b>Don Hamilton</b>	Date <b>11/23/2005</b>
--------------------------------------	---	---------------------------

Title <b>Agent for Dominion</b>	Approved by (Signature) <i>Jerry Kevork</i>	Name (Printed/Typed) <b>JERRY KEVORK</b>	Date <b>11-13-2006</b>
	Title <b>Assistant Field Manager</b>	Office <b>VERNAL FIELD OFFICE</b>	

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

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

\*(Instructions on page 2)

**NOTICE OF APPROVAL**

**CONDITIONS OF APPROVAL ATTACHED**

**RECEIVED**

**DEC 01 2006**

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

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

**ORIGINAL**

**CONFIDENTIAL**



UNITED STATES DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENT  
VERNAL FIELD OFFICE  
170 South 500 East VERNAL, UT 84078 (435) 781-4400



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

<b>Company:</b>	<b>Dominion Exploration &amp; Production</b>	<b>Location:</b>	<b>NESW, Sec 27, T10S, R20E</b>
<b>Well No:</b>	<b>HCU 12-27F</b>	<b>Lease No:</b>	<b>UTU-29784</b>
<b>API No:</b>	<b>43-047-37424</b>	<b>Agreement:</b>	<b>Hill Creek Unit</b>
Petroleum Engineer:	Matt Baker	Office: 435-781-4490	Cell: 435-828-4470
Petroleum Engineer:	Michael Lee	Office: 435-781-4432	Cell: 435-828-7875
Petroleum Engineer:	Roger Hall	Office: 435-781-4470	
Supervisory Petroleum Technician:	Jamie Sparger	Office: 435-781-4502	Cell: 435-828-3913
Environmental Scientist:	Paul Buhler	Office: 435-781-4475	Cell: 435-828-4029
Environmental Scientist:	Karl Wright	Office: 435-781-4484	
Natural Resource Specialist:	Holly Villa	Office: 435-781-4404	
Natural Resource Specialist:	Melissa Hawk	Office: 435-781-4476	
Natural Resource Specialist:	Nathaniel West	Office: 435-781-4447	
Natural Resource Specialist:	Chris Carusona	Office: 435-781-4441	
Natural Resource Specialist:	Scott Ackerman	Office: 435-781-4437	
<b>After hours contact number: (435) 781-4513</b>		<b>FAX: (435) 781-4410</b>	

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

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

**NOTIFICATION REQUIREMENTS**

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

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

### Vegetation/Landscape

- Before the site is abandoned the company will be required to restore the right-of-way to near its original state. The disturbed area will be reseeded with desirable perennial vegetation.
- Noxious weeds will be controlled on all rights-of-way. If noxious weeds spread from the rights-of-way onto adjoining land, the company will also be responsible for their control.

### Soils/Range/Watershed

- Soil erosion will be mitigated by reseeded all disturbed areas.
- The pipelines are constructed to lie on the soil surface, and the right-of-way will not be bladed or cleared of vegetation.

Where pipelines are constructed parallel to roads they may be welded on the road and then lifted from the road onto the right-of-way.

Where pipelines do not parallel roads but cross country between stations, they shall be welded in place at well sites or on access roads and then pulled between stations with a suitable piece of equipment. Traffic will be restricted along these areas so that the pipeline right-of-way will not be used as an access road.

### Ute Tribal Regulations

- Prior to commencing surveys or construction on the U&O Indian Reservation the operator, and any of its subcontractors, shall acquire access permits and business permits for the Ute Indian Tribe Department of Energy and Minerals.
- Prior to the commencement of construction, the operator shall notify the Ute Tribal Department of Energy and Minerals of the date construction shall begin.

### General Conditions of Approval

- A 30-foot corridor right-of-way shall be approved. Upon completion of each pipeline in corridor, they shall be identified and filed with the Ute Tribe.
- A qualified Archaeologist accompanied by a Tribal Technician will monitor trenching construction of pipeline.
- The Ute Tribe Energy & Minerals Department is to be notified, in writing 48 hours prior to construction of pipeline.
- Construction Notice shall be given to the department on the Ute Tribe workdays, which are Monday through Thursday. The Company understands that they may be responsible for costs incurred by the Ute Tribe after hours.
- The Company shall inform contractors to maintain construction of pipelines within the approved ROWs.
- The Company shall assure the Ute Tribe that "ALL CONTRACTORS, INCLUDING SUB-CONTRACTORS, LEASING CONTRACTORS, AND ETC." have acquired a current and valid Ute Tribal Business License and have "Access Permits" prior to construction, and will have these permits in all vehicles at all times.
- You are hereby notified that working under the "umbrella" of a company does not allow you to be in the field, and can be subject to those fines of the Ute Tribe Severance Tax Ordinance.
- Any deviation of submitted APDs and ROW applications the Companies will notify the Ute Tribe and BIA in writing and will receive written authorization of any such change with

appropriate authorization.

- The Company will implement "Safety and Emergency Plan." The Company's safety director will ensure its compliance.
- All Company employees and/or authorized personnel (sub-contractors) in the field will have approved applicable APDs and/or ROW permits/authorizations on their person(s) during all phases of construction.
- All vehicular traffic, personnel movement, construction/restoration operations should be confined to the area examined and approved, and to the existing roadways and/or evaluated access routes.
- All personnel should refrain from collecting artifacts, any paleontological fossils, and from disturbing any significant cultural resources in the area.
- The personnel from the Ute Tribe Energy & Minerals Department should be notified should cultural remains from subsurface deposits be exposed or identified during construction. All construction will cease.
- All mitigative stipulations contained in the Bureau of Indian Affairs Site Specific Environmental Assessment (EA) will be strictly adhered.
- Upon completion of Application for Corridor Right-Way, the company will notify the Ute Tribe Energy & Minerals Department, so that a Tribal Technician can verify Affidavit of Completion.

## **DOWNHOLE CONDITIONS OF APPROVAL**

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

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

- None

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

- There shall be no deviation from the proposed drilling, completion, and/or workover program as approved. Safe drilling and operating practices must be observed. All wells, whether drilling, producing, suspended, or abandoned, shall be identified in accordance with 43 CFR 3162.6. There shall be a sign or marker with the name of the operator, lease serial number, well number, and surveyed description of the well. Any changes in operation must have prior approval from the BLM, Vernal Field Office Petroleum Engineers.
- The spud date and time shall be reported orally to Vernal Field Office within 24 hours of spudding.
- **Notify Vernal Field Office Supervisory Petroleum Engineering Technician at least 24 hours in advance of casing cementing operations and BOPE & casing pressure tests.**
- Blowout prevention equipment (BOPE) will remain in use until the well is completed or abandoned. Closing unit controls must remain unobstructed and readily accessible at all times. Choke manifolds must be located outside of the rig substructure.
- All BOPE components will be inspected daily and those inspections shall be recorded in the daily drilling report. Components shall be operated and tested as required by Onshore Oil & Gas Order No. 2 to insure good mechanical working order. All BOPE pressure tests must be performed by a test pump with a chart recorder and **NOT** by the rig pumps. Test must be reported in the driller's log.
- BOP drills must be initially conducted by each drilling crew within 24 hours of drilling out from under the surface casing and weekly thereafter as specified in Onshore Oil & Gas Order No. 2.
- Casing pressure tests are required before drilling out from under all casing strings set and cemented in place.
- No aggressive/fresh hard-banded drill pipe shall be used within casing.
- All shows of fresh water and minerals will be reported and protected. A sample will be taken of any water flows and a water analysis furnished the BLM, Vernal Field Office. All oil and gas shows will be adequately tested for commercial possibilities, reported, and protected.
- No location will be constructed or moved, no well will be plugged, and no drilling or workover equipment will be removed from a well to be placed in a suspended status without prior approval of the BLM, Vernal Field Office. If operations are to be suspended for more than 30 days, prior approval of the BLM, Vernal Field Office must be obtained and notification given before resumption of operations.

- Chronologic drilling progress reports must be filed directly with the BLM, Vernal Field Office on a weekly basis in sundry, letter format or e-mail to the Petroleum Engineers until the well is completed.
- Any change in the program must be approved by the BLM, Vernal Field Office. "Sundry Notices and Reports on Wells" (Form BLM 3160-5) must be filed for all changes of plans and other operations in accordance with 43 CFR 3162.3-2.
- Emergency approval may be obtained orally, but such approval does not waive the written report requirement. Any additional construction, reconstruction, or alterations of facilities, including roads, gathering lines, batteries, etc., which will result in the disturbance of new ground, will require the filing of a suitable plan pursuant to Onshore Oil & Gas Order No. 1 of 43 CFR 3164.1 and prior approval by the BLM, Vernal Field Office.
- In accordance with 43 CFR 3162.4-3, this well must be reported on the "Monthly Report of Operations" (Oil and Gas Operations Report ((OGOR)) starting with the month in which operations commence and continue each month until the well is physically plugged and abandoned. This report shall be filed in duplicate, directly with the Minerals Management Service, P.O. Box 17110, Denver, Colorado 80217-0110, or call 1-800-525-7922 (303) 231-3650 for reporting information.
- Whether the well is completed as a dry hole or as a producer, "Well Completion and Recompletion Report and Log" (BLM Form 3160-4) will be submitted not later than 30 days after completion of the well or after completion of operations being performed, in accordance with 43 CFR 3162.4-1. Two copies of all logs run, core descriptions, and all other surveys or data obtained and compiled during the drilling, workover, and/or completion operations, will be filed on BLM Form 3160-4. Submit with the well completion report a geologic report including, at a minimum, formation tops, and a summary and conclusions. Also include deviation surveys, sample descriptions, strip logs, core data, drill stem test data, and results of production tests if performed. Samples (cuttings, fluid, and/or gas) will be submitted only when requested by the BLM, Vernal Field Office.
- All off-lease storage, off-lease measurement, or commingling on-lease or off-lease will have prior written approval from the BLM, Vernal Field Office.
- All measurement points shall be identified as point of sales or allocation for royalty determination prior to the installation of facilities.
- Oil and gas meters will be calibrated in place prior to any deliveries. The Field Office Petroleum Engineers will be provided with a date and time for the initial meter calibration and all future meter proving schedules. A copy of the meter calibration reports will be submitted to the BLM, Vernal Field Office. All measurement facilities will conform to the API standards for liquid hydrocarbons and the AGA standards for natural gas measurement.
- A schematic facilities diagram as required by Onshore Oil & Gas Order No. 3 shall be submitted to the BLM, Vernal Field Office within 30 days of installation or first production, whichever occurs first. All site security regulations as specified in Onshore Oil & Gas Order No. 3 shall be adhered to. All product lines entering and leaving hydrocarbon storage tanks will be effectively sealed in accordance with Onshore Oil & Gas Order No. 3.
- This APD is approved subject to the requirement that, shall the well be successfully completed for production, the BLM, Vernal Field office must be notified when it is placed in a producing

status. Such notification will be by written communication and must be received in this office by not later than the fifth business day following the date on which the well is placed on production. The notification shall provide, as a minimum, the following informational items:

- Operator name, address, and telephone number.
  - Well name and number.
  - Well location (¼¼, Sec., Twn, Rng, and P.M.).
  - Date well was placed in a producing status (date of first production for which royalty will be paid).
  - The nature of the well's production, (i.e., crude oil, or crude oil and casing head gas, or natural gas and entrained liquid hydrocarbons).
  - The Federal or Indian lease prefix and number on which the well is located; otherwise the non-Federal or non-Indian land category, i.e., State or private.
  - Unit agreement and / or participating area name and number, if applicable.
  - Communitization agreement number, if applicable.
- Any venting or flaring of gas will be done in accordance with Notice to Lessees (NTL) 4A and needs prior approval from Field Office Petroleum Engineers.
  - All undesirable events (fires, accidents, blowouts, spills, discharges) as specified in NTL 3A will be reported to the BLM, Vernal Field Office. Major events as defined in NTL3A, will be reported verbally within 24 hours, followed by a written report within 15 days. "Other than Major Events" will be reported in writing within 15 days. "Minor Events" will be reported on the Monthly Report of Operations and Production.
  - Pursuant to Onshore Oil & Gas Order No. 7, this is authorization for pit disposal of water produced from this well for a period of 90 days from the date of initial production. A permanent disposal method must be approved by this office and in operation prior to the end of this 90-day period. In order to meet this deadline, an application for the proposed permanent disposal method shall be submitted along with any necessary water analyses, as soon as possible, but no later than 45 days after the date of first production. Any method of disposal which has not been approved prior to the end of the authorized 90-day period will be considered as an Incident of Noncompliance and will be grounds for issuing a shut-in order until an acceptable manner for disposing of said water is provided and approved by this office.
  - Unless the plugging is to take place immediately upon receipt of oral approval, the Field Office Petroleum Engineers must be notified at least 24 hours in advance of the plugging of the well, in order that a representative may witness plugging operations. If a well is suspended or abandoned, all pits must be fenced immediately until they are backfilled. The "Subsequent Report of Abandonment" (Form BLM 3160-5) must be submitted within 30 days after the actual plugging of the well bore, showing location of plugs, amount of cement in each, and amount of casing left in hole, and the current status of the surface restoration.

**DIVISION OF OIL, GAS AND MINING**

**CONFIDENTIAL**

**SPUDDING INFORMATION**

Name of Company: **Dominion Exploration & Production**

Well Name: **HCU 12-27F**

API No: **43-047-37424** Lease Type: **Federal/Indian**

Section **27** Township **10S** Range **20E** County **Uintah**

Drilling Contractor **Bill Jr's** Rig # **6**

**SPUDDED:**

Date **6-19-07**

Time **6:00 PM**

How **Dry**

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

Reported by **Pat Wisener**

Telephone # **435-828-1455**

Date **6-20-07** Signed **RM**

ENTITY ACTION FORM

Operator: Dominion Exploration & Production, Inc. Operator Account Number: N1095  
Address: 14000 Quail Springs Parkway, Suite 600  
city Oklahoma City  
state OK zip 73134 Phone Number: 405-749-5237

Well 1

API Number	Well Name		QQ	Sec	Twp	Rng	County
43-047-37424	HCU 12-27F		NESW	27	10S	20E	Uintah
Action Code	Current Entity Number	New Entity Number	Spud Date		Entity Assignment Effective Date		
<i>KB</i>	<i>99999</i>	<i>12829</i>	<i>6/19/2007</i>		<i>6/21/07</i>		
Comments:							<b>CONFIDENTIAL</b>
<i>MURD = WSMVD</i>							

Well 2

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

Well 3

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

ACTION CODES:

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

Barbara Lester

Name (Please Print)

Signature

Regulatory Specialist

Title

6/20/2007

Date

RECEIVED

JUN 20 2007

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENT

**CONFIDENTIAL**

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

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

*Submit in triplicate - Other instructions on reverse side*

1. Type of Well  
 Oil Well     Gas Well     Other

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

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

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

4. Location of Well (Footage, Sec., T., R., M., or Survey Description)  
 SHL: 1607' FSL & 1885' FWL, NE SW, Sec. 27-10S-20E  
 BHL: 1980' FSL & 660' FWL, NW SW, Sec. 27-10S-20E

5. Lease Serial No.  
 U-29784

6. If Indian, Allottee or Tribe Name

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

8. Well Name and No.  
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10. Field and Pool, or Exploratory Area  
 Natural Buttes

11. County or Parish, State  
 Uintah, UT

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

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

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

6/19/07 - Spud well. Ran 12 jts 13-3/8", 48#, H-40, ST&C csg set @ 515'. Cmt w/500 sks Class G, 15.8 ppg, 1.15 yld. 12 bbls to surface.

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

Name (Printed/Typed) **Barbara Lester** Title **Regulatory Specialist**

Signature *Barbara Lester* Date **7/2/2007**

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

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

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

Office \_\_\_\_\_

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

**RECEIVED**  
**JUL 09 2007**

DIV. OF OIL, GAS & MINING

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENT

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

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

1. Type of Well  
 Oil Well     Gas Well     Other

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

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

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

4. Location of Well (Footage, Sec., T., R., M., or Survey Description)  
 SHL: 1607' FSL & 1885' FWL, NE SW, Sec. 27-10S-20E  
 BHL: 1980' FSL & 660' FWL, NW SW, Sec. 27-10S-20E

5. Lease Serial No.  
 U-29784

6. If Indian, Allottee or Tribe Name

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

8. Well Name and No.  
 HCU 12-27F

9. API Well No.  
 43-047-37424

10. Field and Pool, or Exploratory Area  
 Natural Buttes

11. County or Parish, State  
 Uintah, UT

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

TYPE OF SUBMISSION	TYPE OF ACTION					
<input checked="" type="checkbox"/> Notice of Intent	<input type="checkbox"/> Acidize	<input type="checkbox"/> Deepen	<input type="checkbox"/> Production (Start/Resume)	<input type="checkbox"/> Water Shut-Off		
<input type="checkbox"/> Subsequent Report	<input type="checkbox"/> Altering Casing	<input type="checkbox"/> Fracture Treat	<input type="checkbox"/> Reclamation	<input type="checkbox"/> Well Integrity		
<input type="checkbox"/> Final Abandonment Notice	<input type="checkbox"/> Casing Repair	<input type="checkbox"/> New Construction	<input type="checkbox"/> Recomplete	<input type="checkbox"/> Other		
	<input checked="" 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.)

Dominion requests permission to change the directional drilling plans to the HCU 12-27F slightly. The intermediate depth will now be set at 4,000' per the attached new directional drilling plans.

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

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

Name (Printed/Typed) **Barbara Lester** Title **Regulatory Specialist**

Signature *Barbara Lester* Date **7/10/2007**

APPROVED BY FEDERAL BUREAU OF SURVEY

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  
JUL 13 2007  
DIV. OF OIL, GAS & MINING

# DIRECTIONAL DRILLING PLAN

## APPROVAL OF OPERATIONS

### Attachment for Permit to Drill

**Name of Operator:** Dominion Exploration & Production  
**Address:** 14000 Quail Springs Parkway, Suite 600  
Oklahoma City, OK 73134  
**Well Location:** HCU 12-27F  
SHL: 1607' FSL & 1885' FWL, Sec. 27-10S-20E  
BHL: 1980' FSL & 660' FWL, Sec. 27-10S-20E  
Uintah County, UT

1. GEOLOGIC SURFACE FORMATION Uintah

2. ESTIMATED DEPTHS OF IMPORTANT GEOLOGIC MARKERS

<u>Formation</u>	<u>Depth (MD)</u>
Wasatch Tongue	3,840'
Uteland Limestone	4,170'
Wasatch	4,325'
Chapita Wells	5,220'
Uteland Buttes	6,350'
Mesaverde	7,110'

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

<u>Formation</u>	<u>Depth (MD)</u>	<u>Type</u>
Wasatch Tongue	3,840'	Oil
Uteland Limestone	4,170'	Oil
Wasatch	4,325'	Gas
Chapita Wells	5,220'	Gas
Uteland Buttes	6,350'	Gas
Mesaverde	7,110'	Gas

4. PROPOSED CASING PROGRAM

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

<u>Type</u>	<u>Size</u>	<u>Weight</u>	<u>Grade</u>	<u>Conn.</u>	<u>Top</u>	<u>Bottom (MD)</u>	<u>Hole</u>
Surface	13-3/8"	48.0 ppf	H-40	STC	0'	500'	17-1/2"
Intermediate	9-5/8"	36.0 ppf	J-55	STC	0'	4,000'	12-1/4"
Production	5-1/2"	17.0 ppf	MAV-80	LTC	0'	7,975'	7-7/8"

5. OPERATOR'S MINIMUM SPECIFICATIONS FOR PRESSURE CONTROL

Surface hole: No BOPE will be utilized.

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

Production hole: Prior to drilling out the intermediate casing shoe, 3,000 psi or greater BOP equipment will be installed. The pipe rams will be operated at least once per day from surface to total depth. The blind rams will be tested once per day from surface to total depth if operations permit.

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JUL 13 2007

DIV. OF OIL, GAS & MINING

## DRILLING PLAN

### APPROVAL OF OPERATIONS

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

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

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

#### 6. MUD SYSTEMS

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

<u>Depths (MD)</u>	<u>Mud Weight (ppg)</u>	<u>Mud System</u>
0' – 500'	8.4	Air foam mist, no pressure control
500' – 4,000'	8.6	Fresh water, rotating head and diverter
4,000' – 7,975'	8.6	Fresh water/2% KCL/KCL mud system

#### 7. BLOOIE LINE

- An automatic igniter will not be installed on blooie line. The blooie will have a constant ignition source.
- A "target tee" connection will be installed on blooie line for 90° change of directions for abrasion resistance.
- "Target tee" connections will be a minimum of 50' from wellhead.
- The blooie line discharge will be a minimum of 80' from the wellhead.

#### 8. AUXILIARY EQUIPMENT TO BE USED

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

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

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

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

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

#### 11. WATER SUPPLY

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

## DRILLING PLAN

### APPROVAL OF OPERATIONS

#### 12. CEMENT SYSTEMS

##### a. Surface Cement:

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

##### b. Intermediate Casing Cement:

- Drill 12-1/4" hole to 4,000' (MD) ±, run and cement 9-5/8".
- Pump 20 bbls lightly weighted water spacer followed by 5 bbls fresh water. Displace with any available water.
- Casing to be run with: a) guide shoe b) insert float c) three (3) centralizers, one on each of first 3 joints d) stop ring for plug one joint off bottom e) bottom three joints thread locked f) pump job with bottom plug only. Casing to be centralized with a total of 15 centralizers.
- Cement to surface not required due to surface casing set deeper than normal.

<u>Type</u>	<u>Sacks</u>	<u>Interval (MD)</u>	<u>Density</u>	<u>Yield</u>	<u>Hole Volume</u>	<u>Cement Volume</u>
Lead	479	0'-3,500'	10.5 ppg	4.14 CFS	1,134 CF	1,985 CF
Tail	254	3,500'-4,000'	15.6 ppg	1.2 CFS	174 CF	304 CF

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

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

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

##### c. Production Casing Cement:

- Drill 7-7/8" hole to 7,975' (MD) ±, run and cement 5 1/2".
- Pump 20 bbl Mud Clean II unweighted spacer, followed by 20 Bbls fresh H2O spacer.
- Displace with 2% KCL.
- Production casing to be centralized with 30 centralizers.

<u>Type</u>	<u>Sacks</u>	<u>Interval (MD)</u>	<u>Density</u>	<u>Yield</u>	<u>Hole Volume</u>	<u>Cement Volume</u>
Lead	90	3,525'-4,325'	11.5 ppg	3.12 CFS	139 CF	277 CF
Tail	730	4,325'-7,975'	13.0 ppg	1.75 CFS	632 CF	1,265 CF

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

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

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

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

Starting Date:                      October 10, 2007  
Duration:                              14 Days

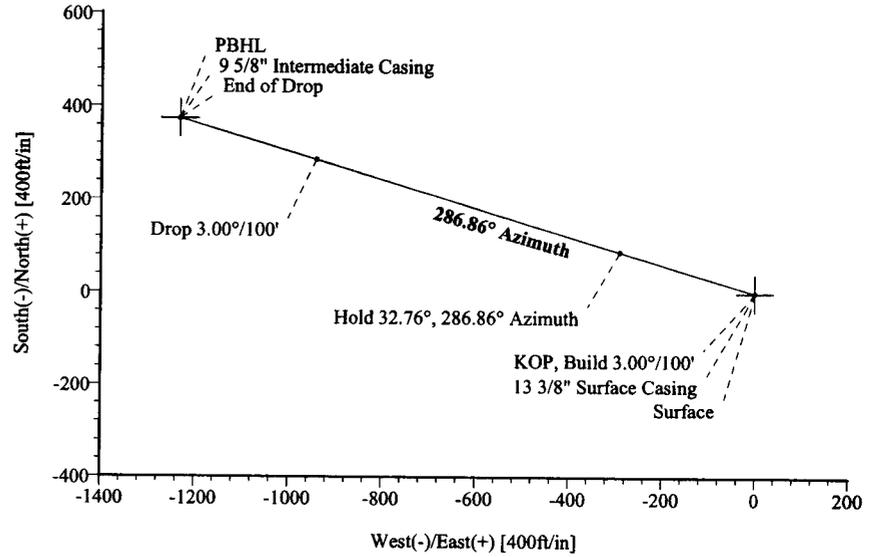
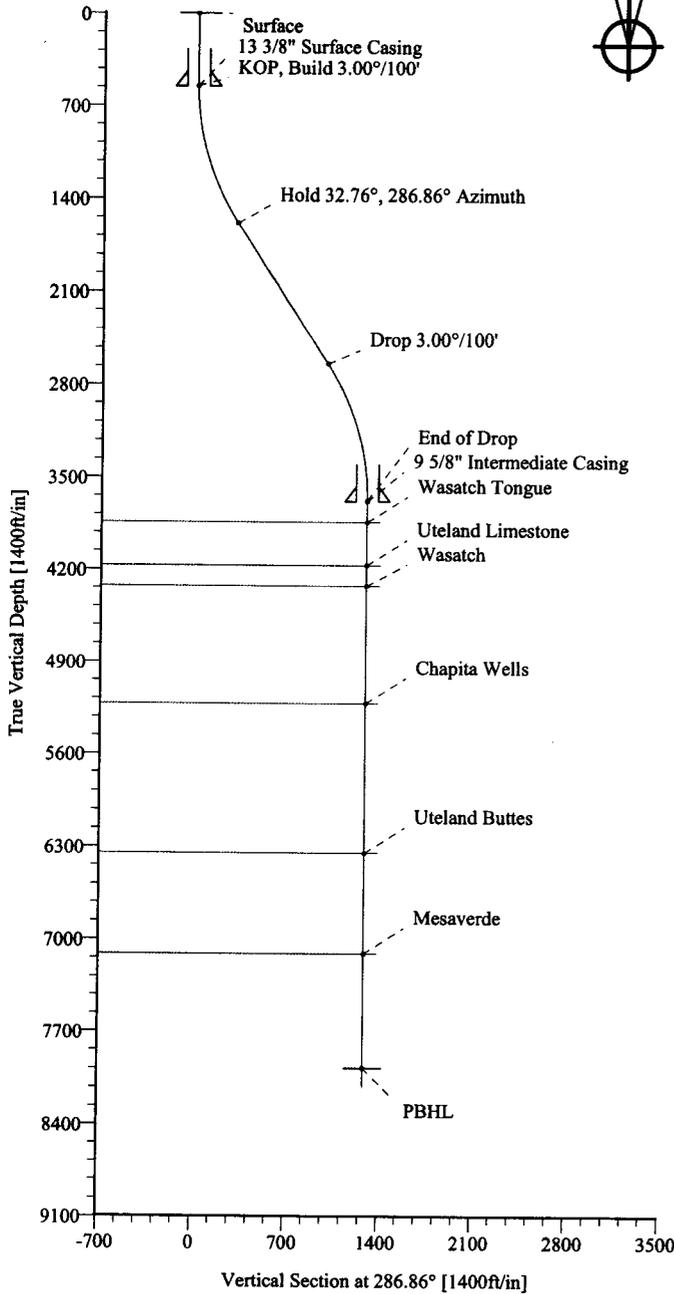
# Dominion Exploration & Production

HCU #12-27F  
 Uintah County, Utah  
 Section 27, T10S, R20E



Azimuths to Grid North  
 True North: -1.18°  
 Magnetic North: 21.34°

Magnetic Field  
 Strength: 37596nT  
 Dip Angle: -49.97°  
 Date: 7/9/2007  
 Model: igr2005



### FORMATION TOP DETAILS

No.	TVDPath	MDPath	Formation
1	3840.00	4157.13	Wasatch Tongue
2	4170.00	4487.13	Uteland Limestone
3	4325.00	4642.13	Wasatch
4	5220.00	5537.13	Chapita Wells
5	6350.00	6667.13	Uteland Buttes
6	7110.00	7427.13	Mesaverde

### CASING DETAILS

No.	TVD	MD	Name	Size
1	550.00	550.00	13 3/8" Surface	13.375
2	3682.87	4000.00	9 5/8" Intermediate	9.625

### TARGET DETAILS

Name	TVD	+N/-S	+E/-W	Northing	Easting	Latitude	Longitude	Shape
Surface	0.00	0.00	0.00	-33902081.88	3006140.04	39°54'56.130S	109°39'10.760W	Point
PBHL	7975.00	373.59	-1232.91	-33901708.29	3004907.13	39°54'54.634S	109°39'16.723W	Point

### SECTION DETAILS

Sec	MD	Inc	Azi	TVD	+N/-S	+E/-W	DLeg	TFace	VSec	Target
1	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	
2	550.00	0.00	0.00	550.00	0.00	0.00	0.00	0.00	0.00	
3	1641.86	32.76	286.86	1583.35	88.07	-290.65	3.00	0.00	303.70	
4	2900.27	32.76	286.86	2641.65	285.52	-942.26	0.00	0.00	984.57	
5	3992.13	0.00	0.00	3675.00	373.59	-1232.91	3.00	180.00	1288.27	
6	8292.13	0.00	0.00	7975.00	373.59	-1232.91	0.00	0.00	1288.27	PBHL

# Strata Directional Technology, Inc.

## Planning Report

<b>Company:</b> Dominion E&P, Inc.	<b>Date:</b> 7/9/2007	<b>Time:</b> 14:58:50	<b>Page:</b> 1
<b>Field:</b> Uintah County, Utah	<b>Co-ordinate(NE) Reference:</b> Well: #12-27F, Grid North		
<b>Site:</b> HCU #12-27F	<b>Vertical (TVD) Reference:</b> SITE 0.0		
<b>Well:</b> #12-27F	<b>Section (VS) Reference:</b> Well (0.00N,0.00E,286.86Azi)		
<b>Wellpath:</b> Proposal 1r0	<b>Plan:</b> Proposal 1r0		

**Field:** Uintah County, Utah

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

**Site:** HCU #12-27F

<b>Site Position:</b>	<b>Northing:</b> -33902081.88 ft	<b>Latitude:</b> 39 54 56.130 S	
<b>From:</b> Geographic	<b>Easting:</b> 3006140.04 ft	<b>Longitude:</b> 109 39 10.760 W	
<b>Position Uncertainty:</b> 0.00 ft		<b>North Reference:</b> Grid	
<b>Ground Level:</b> 5170.00 ft		<b>Grid Convergence:</b> 1.18 deg	

**Well:** #12-27F **Slot Name:**

<b>Well Position:</b>	<b>+N/-S</b> 0.00 ft	<b>Northing:</b> -33902081.88 ft	<b>Latitude:</b> 39 54 56.130 S
	<b>+E/-W</b> 0.00 ft	<b>Easting:</b> 3006140.04 ft	<b>Longitude:</b> 109 39 10.760 W
<b>Position Uncertainty:</b> 0.00 ft			

**Wellpath:** Proposal 1r0

<b>Current Datum:</b> SITE	<b>Height</b> 0.00 ft	<b>Drilled From:</b> Surface
<b>Magnetic Data:</b> 7/9/2007		<b>Tie-on Depth:</b> 0.00 ft
<b>Field Strength:</b> 37596 nT		<b>Above System Datum:</b> Mean Sea Level
<b>Vertical Section:</b> Depth From (TVD)	<b>+N/-S</b>	<b>Declination:</b> 22.52 deg
ft	ft	<b>Mag Dip Angle:</b> -49.97 deg
0.00	0.00	<b>+E/-W</b>
		ft
		<b>Direction</b>
		deg
		286.86

**Plan:** Proposal 1r0 **Date Composed:** 7/9/2007

**Principal:** Yes **Version:** 1

**Tied-to:** From Surface

**Plan Section Information**

MD ft	Incl deg	Azlm deg	TVD ft	+N/-S ft	+E/-W ft	DLS deg/100ft	Build deg/100ft	Turn deg/100ft	TFO deg	Target
0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	
550.00	0.00	0.00	550.00	0.00	0.00	0.00	0.00	0.00	0.00	
1641.86	32.76	286.86	1583.35	88.07	-290.65	3.00	3.00	0.00	0.00	
2900.27	32.76	286.86	2641.65	285.52	-942.26	0.00	0.00	0.00	0.00	
3992.13	0.00	0.00	3675.00	373.59	-1232.91	3.00	-3.00	0.00	180.00	
8292.13	0.00	0.00	7975.00	373.59	-1232.91	0.00	0.00	0.00	0.00	PBHL

**Section 1 : Start Hold**

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

**Section 2 : Start Build 3.00**

MD ft	Incl deg	Azlm deg	TVD ft	+N/-S ft	+E/-W ft	VS ft	DLS deg/100ft	Build deg/100ft	Turn deg/100ft	TFO deg
600.00	1.50	286.86	599.99	0.19	-0.63	0.65	3.00	3.00	0.00	0.00
700.00	4.50	286.86	699.85	1.71	-5.63	5.89	3.00	3.00	0.00	0.00
800.00	7.50	286.86	799.29	4.74	-15.64	16.34	3.00	3.00	0.00	0.00
900.00	10.50	286.86	898.04	9.27	-30.61	31.98	3.00	3.00	0.00	0.00
1000.00	13.50	286.86	995.85	15.30	-50.50	52.77	3.00	3.00	0.00	0.00
1100.00	16.50	286.86	1092.43	22.81	-75.27	78.65	3.00	3.00	0.00	0.00

# Strata Directional Technology, Inc.

## Planning Report

**Company:** Dominion E&P, Inc.  
**Field:** Uintah County, Utah  
**Site:** HCU #12-27F  
**Well:** #12-27F  
**Wellpath:** Proposal 1r0

**Date:** 7/9/2007      **Time:** 14:58:50  
**Co-ordinate(NE) Reference:** Well: #12-27F, Grid North  
**Vertical (TVD) Reference:** SITE 0.0  
**Section (VS) Reference:** Well (0.00N,0.00E,286.86Azi)  
**Plan:** Proposal 1r0

**Page:** 2

**Section 2 : Start Build 3.00**

MD ft	Incl deg	Azim deg	TVD ft	+N/-S ft	+E/-W ft	VS ft	DLS deg/100ft	Build deg/100ft	Turn deg/100ft	TFO deg
1200.00	19.50	286.86	1187.52	31.77	-104.84	109.55	3.00	3.00	0.00	0.00
1300.00	22.50	286.86	1280.87	42.16	-139.13	145.38	3.00	3.00	0.00	0.00
1400.00	25.50	286.86	1372.22	53.95	-178.05	186.05	3.00	3.00	0.00	0.00
1500.00	28.50	286.86	1461.31	67.12	-221.50	231.44	3.00	3.00	0.00	0.00
1600.00	31.50	286.86	1547.90	81.61	-269.34	281.44	3.00	3.00	0.00	0.00
1641.86	32.76	286.86	1583.35	88.07	-290.65	303.70	3.00	3.00	0.00	0.00

**Section 3 : Start Hold**

MD ft	Incl deg	Azim deg	TVD ft	+N/-S ft	+E/-W ft	VS ft	DLS deg/100ft	Build deg/100ft	Turn deg/100ft	TFO deg
1700.00	32.76	286.86	1632.24	97.19	-320.75	335.15	0.00	0.00	0.00	0.00
1800.00	32.76	286.86	1716.34	112.88	-372.53	389.26	0.00	0.00	0.00	0.00
1900.00	32.76	286.86	1800.44	128.57	-424.31	443.37	0.00	0.00	0.00	0.00
2000.00	32.76	286.86	1884.54	144.26	-476.10	497.47	0.00	0.00	0.00	0.00
2100.00	32.76	286.86	1968.64	159.95	-527.88	551.58	0.00	0.00	0.00	0.00
2200.00	32.76	286.86	2052.74	175.64	-579.66	605.68	0.00	0.00	0.00	0.00
2300.00	32.76	286.86	2136.83	191.33	-631.44	659.79	0.00	0.00	0.00	0.00
2400.00	32.76	286.86	2220.93	207.03	-683.22	713.90	0.00	0.00	0.00	0.00
2500.00	32.76	286.86	2305.03	222.72	-735.00	768.00	0.00	0.00	0.00	0.00
2600.00	32.76	286.86	2389.13	238.41	-786.78	822.11	0.00	0.00	0.00	0.00
2700.00	32.76	286.86	2473.23	254.10	-838.56	876.21	0.00	0.00	0.00	0.00
2800.00	32.76	286.86	2557.33	269.79	-890.34	930.32	0.00	0.00	0.00	0.00
2900.27	32.76	286.86	2641.65	285.52	-942.26	984.57	0.00	0.00	0.00	0.00

**Section 4 : Start Drop -3.00**

MD ft	Incl deg	Azim deg	TVD ft	+N/-S ft	+E/-W ft	VS ft	DLS deg/100ft	Build deg/100ft	Turn deg/100ft	TFO deg
3000.00	29.76	286.86	2726.89	300.53	-991.78	1036.32	3.00	-3.00	0.00	180.00
3100.00	26.76	286.86	2814.96	314.26	-1037.10	1083.66	3.00	-3.00	0.00	180.00
3200.00	23.76	286.86	2905.39	326.63	-1077.94	1126.34	3.00	-3.00	0.00	180.00
3300.00	20.76	286.86	2997.92	337.62	-1114.19	1164.22	3.00	-3.00	0.00	180.00
3400.00	17.76	286.86	3092.31	347.18	-1145.76	1197.21	3.00	-3.00	0.00	180.00
3500.00	14.76	286.86	3188.30	355.30	-1172.56	1225.21	3.00	-3.00	0.00	180.00
3600.00	11.76	286.86	3285.62	361.96	-1194.52	1248.15	3.00	-3.00	0.00	180.00
3700.00	8.76	286.86	3384.01	367.12	-1211.57	1265.97	3.00	-3.00	0.00	180.00
3800.00	5.76	286.86	3483.19	370.79	-1223.67	1278.61	3.00	-3.00	0.00	180.00
3900.00	2.76	286.86	3582.91	372.95	-1230.78	1286.05	3.00	-3.00	0.00	180.00
3992.13	0.00	0.00	3675.00	373.59	-1232.91	1288.27	3.00	-3.00	0.00	180.00

**Section 5 : Start Hold**

MD ft	Incl deg	Azim deg	TVD ft	+N/-S ft	+E/-W ft	VS ft	DLS deg/100ft	Build deg/100ft	Turn deg/100ft	TFO deg
4000.00	0.00	0.00	3682.87	373.59	-1232.91	1288.27	0.00	0.00	0.00	0.00
4100.00	0.00	0.00	3782.87	373.59	-1232.91	1288.27	0.00	0.00	0.00	0.00
4157.13	0.00	0.00	3840.00	373.59	-1232.91	1288.27	0.00	0.00	0.00	0.00
4200.00	0.00	0.00	3882.87	373.59	-1232.91	1288.27	0.00	0.00	0.00	0.00
4300.00	0.00	0.00	3982.87	373.59	-1232.91	1288.27	0.00	0.00	0.00	0.00
4400.00	0.00	0.00	4082.87	373.59	-1232.91	1288.27	0.00	0.00	0.00	0.00
4487.13	0.00	0.00	4170.00	373.59	-1232.91	1288.27	0.00	0.00	0.00	0.00
4500.00	0.00	0.00	4182.87	373.59	-1232.91	1288.27	0.00	0.00	0.00	0.00
4600.00	0.00	0.00	4282.87	373.59	-1232.91	1288.27	0.00	0.00	0.00	0.00
4642.13	0.00	0.00	4325.00	373.59	-1232.91	1288.27	0.00	0.00	0.00	0.00
4700.00	0.00	0.00	4382.87	373.59	-1232.91	1288.27	0.00	0.00	0.00	0.00
4800.00	0.00	0.00	4482.87	373.59	-1232.91	1288.27	0.00	0.00	0.00	0.00
4900.00	0.00	0.00	4582.87	373.59	-1232.91	1288.27	0.00	0.00	0.00	0.00
5000.00	0.00	0.00	4682.87	373.59	-1232.91	1288.27	0.00	0.00	0.00	0.00
5100.00	0.00	0.00	4782.87	373.59	-1232.91	1288.27	0.00	0.00	0.00	0.00
5200.00	0.00	0.00	4882.87	373.59	-1232.91	1288.27	0.00	0.00	0.00	0.00
5300.00	0.00	0.00	4982.87	373.59	-1232.91	1288.27	0.00	0.00	0.00	0.00
5400.00	0.00	0.00	5082.87	373.59	-1232.91	1288.27	0.00	0.00	0.00	0.00
5500.00	0.00	0.00	5182.87	373.59	-1232.91	1288.27	0.00	0.00	0.00	0.00

# Strata Directional Technology, Inc.

## Planning Report

<b>Company:</b> Dominion E&P, Inc.	<b>Date:</b> 7/9/2007	<b>Time:</b> 14:58:50	<b>Page:</b> 3
<b>Field:</b> Uintah County, Utah	<b>Co-ordinate(NE) Reference:</b> Well: #12-27F, Grid North		
<b>Site:</b> HCU #12-27F	<b>Vertical (TVD) Reference:</b> SITE 0.0		
<b>Well:</b> #12-27F	<b>Section (VS) Reference:</b> Well (0.00N,0.00E,286.86Azi)		
<b>Wellpath:</b> Proposal 1r0	<b>Plan:</b> Proposal 1r0		

**Section 5 : Start Hold**

MD ft	Incl deg	Azim deg	TVD ft	+N/-S ft	+E/-W ft	VS ft	DLS deg/100ft	Build deg/100ft	Turn deg/100ft	TFO deg
5537.13	0.00	0.00	5220.00	373.59	-1232.91	1288.27	0.00	0.00	0.00	0.00
5600.00	0.00	0.00	5282.87	373.59	-1232.91	1288.27	0.00	0.00	0.00	0.00
5700.00	0.00	0.00	5382.87	373.59	-1232.91	1288.27	0.00	0.00	0.00	0.00
5800.00	0.00	0.00	5482.87	373.59	-1232.91	1288.27	0.00	0.00	0.00	0.00
5900.00	0.00	0.00	5582.87	373.59	-1232.91	1288.27	0.00	0.00	0.00	0.00
6000.00	0.00	0.00	5682.87	373.59	-1232.91	1288.27	0.00	0.00	0.00	0.00
6100.00	0.00	0.00	5782.87	373.59	-1232.91	1288.27	0.00	0.00	0.00	0.00
6200.00	0.00	0.00	5882.87	373.59	-1232.91	1288.27	0.00	0.00	0.00	0.00
6300.00	0.00	0.00	5982.87	373.59	-1232.91	1288.27	0.00	0.00	0.00	0.00
6400.00	0.00	0.00	6082.87	373.59	-1232.91	1288.27	0.00	0.00	0.00	0.00
6500.00	0.00	0.00	6182.87	373.59	-1232.91	1288.27	0.00	0.00	0.00	0.00
6600.00	0.00	0.00	6282.87	373.59	-1232.91	1288.27	0.00	0.00	0.00	0.00
6667.13	0.00	0.00	6350.00	373.59	-1232.91	1288.27	0.00	0.00	0.00	0.00
6700.00	0.00	0.00	6382.87	373.59	-1232.91	1288.27	0.00	0.00	0.00	0.00
6800.00	0.00	0.00	6482.87	373.59	-1232.91	1288.27	0.00	0.00	0.00	0.00
6900.00	0.00	0.00	6582.87	373.59	-1232.91	1288.27	0.00	0.00	0.00	0.00
7000.00	0.00	0.00	6682.87	373.59	-1232.91	1288.27	0.00	0.00	0.00	0.00
7100.00	0.00	0.00	6782.87	373.59	-1232.91	1288.27	0.00	0.00	0.00	0.00
7200.00	0.00	0.00	6882.87	373.59	-1232.91	1288.27	0.00	0.00	0.00	0.00
7300.00	0.00	0.00	6982.87	373.59	-1232.91	1288.27	0.00	0.00	0.00	0.00
7400.00	0.00	0.00	7082.87	373.59	-1232.91	1288.27	0.00	0.00	0.00	0.00
7427.13	0.00	0.00	7110.00	373.59	-1232.91	1288.27	0.00	0.00	0.00	0.00
7500.00	0.00	0.00	7182.87	373.59	-1232.91	1288.27	0.00	0.00	0.00	0.00
7600.00	0.00	0.00	7282.87	373.59	-1232.91	1288.27	0.00	0.00	0.00	0.00
7700.00	0.00	0.00	7382.87	373.59	-1232.91	1288.27	0.00	0.00	0.00	0.00
7800.00	0.00	0.00	7482.87	373.59	-1232.91	1288.27	0.00	0.00	0.00	0.00
7900.00	0.00	0.00	7582.87	373.59	-1232.91	1288.27	0.00	0.00	0.00	0.00
8000.00	0.00	0.00	7682.87	373.59	-1232.91	1288.27	0.00	0.00	0.00	0.00
8100.00	0.00	0.00	7782.87	373.59	-1232.91	1288.27	0.00	0.00	0.00	0.00
8200.00	0.00	0.00	7882.87	373.59	-1232.91	1288.27	0.00	0.00	0.00	0.00
8292.13	0.00	0.00	7975.00	373.59	-1232.91	1288.27	0.00	0.00	0.00	0.00

**Survey**

MD ft	Incl deg	Azim deg	TVD ft	+N/-S ft	+E/-W ft	VS ft	DLS deg/100ft	Build deg/100ft	Turn deg/100ft	Tool/Comment
0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	
100.00	0.00	0.00	100.00	0.00	0.00	0.00	0.00	0.00	0.00	
200.00	0.00	0.00	200.00	0.00	0.00	0.00	0.00	0.00	0.00	
300.00	0.00	0.00	300.00	0.00	0.00	0.00	0.00	0.00	0.00	
400.00	0.00	0.00	400.00	0.00	0.00	0.00	0.00	0.00	0.00	
500.00	0.00	0.00	500.00	0.00	0.00	0.00	0.00	0.00	0.00	
550.00	0.00	0.00	550.00	0.00	0.00	0.00	0.00	0.00	0.00	
600.00	1.50	286.86	599.99	0.19	-0.63	0.65	3.00	3.00	0.00	13 3/8" Surface
700.00	4.50	286.86	699.85	1.71	-5.63	5.89	3.00	3.00	0.00	
800.00	7.50	286.86	799.29	4.74	-15.64	16.34	3.00	3.00	0.00	
900.00	10.50	286.86	898.04	9.27	-30.61	31.98	3.00	3.00	0.00	
1000.00	13.50	286.86	995.85	15.30	-50.50	52.77	3.00	3.00	0.00	
1100.00	16.50	286.86	1092.43	22.81	-75.27	78.65	3.00	3.00	0.00	
1200.00	19.50	286.86	1187.52	31.77	-104.84	109.55	3.00	3.00	0.00	
1300.00	22.50	286.86	1280.87	42.16	-139.13	145.38	3.00	3.00	0.00	
1400.00	25.50	286.86	1372.22	53.95	-178.05	186.05	3.00	3.00	0.00	
1500.00	28.50	286.86	1461.31	67.12	-221.50	231.44	3.00	3.00	0.00	
1600.00	31.50	286.86	1547.90	81.61	-269.34	281.44	3.00	3.00	0.00	
1641.86	32.76	286.86	1583.35	88.07	-290.65	303.70	3.00	3.00	0.00	
1700.00	32.76	286.86	1632.24	97.19	-320.75	335.15	0.00	0.00	0.00	Hold 32.76°, 286.86° Azim
1800.00	32.76	286.86	1716.34	112.88	-372.53	389.26	0.00	0.00	0.00	
1900.00	32.76	286.86	1800.44	128.57	-424.31	443.37	0.00	0.00	0.00	
2000.00	32.76	286.86	1884.54	144.26	-476.10	497.47	0.00	0.00	0.00	
2100.00	32.76	286.86	1968.64	159.95	-527.88	551.58	0.00	0.00	0.00	

# Strata Directional Technology, Inc.

## Planning Report

<b>Company:</b> Dominion E&P, Inc.	<b>Date:</b> 7/9/2007	<b>Time:</b> 14:58:50	<b>Page:</b> 4
<b>Field:</b> Uintah County, Utah	<b>Co-ordinate(NE) Reference:</b> Well: #12-27F, Grid North		
<b>Site:</b> HCU #12-27F	<b>Vertical (TVD) Reference:</b> SITE 0.0		
<b>Well:</b> #12-27F	<b>Section (VS) Reference:</b> Well (0.00N,0.00E,286.86Azi)		
<b>Wellpath:</b> Proposal 1r0	<b>Plan:</b> Proposal 1r0		

**Survey**

MD ft	Incl deg	Azim deg	TVD ft	+N/-S ft	+E/-W ft	VS ft	DLS deg/100ft	Build deg/100ft	Turn deg/100ft	Tool/Comment
2200.00	32.76	286.86	2052.74	175.64	-579.66	605.68	0.00	0.00	0.00	
2300.00	32.76	286.86	2136.83	191.33	-631.44	659.79	0.00	0.00	0.00	
2400.00	32.76	286.86	2220.93	207.03	-683.22	713.90	0.00	0.00	0.00	
2500.00	32.76	286.86	2305.03	222.72	-735.00	768.00	0.00	0.00	0.00	
2600.00	32.76	286.86	2389.13	238.41	-786.78	822.11	0.00	0.00	0.00	
2700.00	32.76	286.86	2473.23	254.10	-838.56	876.21	0.00	0.00	0.00	
2800.00	32.76	286.86	2557.33	269.79	-890.34	930.32	0.00	0.00	0.00	
2900.27	32.76	286.86	2641.65	285.52	-942.26	984.57	0.00	0.00	0.00	
3000.00	29.76	286.86	2726.89	300.53	-991.78	1036.32	3.00	-3.00	0.00	Drop 3.00°/100'
3100.00	26.76	286.86	2814.96	314.26	-1037.10	1083.66	3.00	-3.00	0.00	
3200.00	23.76	286.86	2905.39	326.63	-1077.94	1126.34	3.00	-3.00	0.00	
3300.00	20.76	286.86	2997.92	337.62	-1114.19	1164.22	3.00	-3.00	0.00	
3400.00	17.76	286.86	3092.31	347.18	-1145.76	1197.21	3.00	-3.00	0.00	
3500.00	14.76	286.86	3188.30	355.30	-1172.56	1225.21	3.00	-3.00	0.00	
3600.00	11.76	286.86	3285.62	361.96	-1194.52	1248.15	3.00	-3.00	0.00	
3700.00	8.76	286.86	3384.01	367.12	-1211.57	1265.97	3.00	-3.00	0.00	
3800.00	5.76	286.86	3483.19	370.79	-1223.67	1278.61	3.00	-3.00	0.00	
3900.00	2.76	286.86	3582.91	372.95	-1230.78	1286.05	3.00	-3.00	0.00	
3992.13	0.00	0.00	3675.00	373.59	-1232.91	1288.27	3.00	-3.00	0.00	End of Drop
4000.00	0.00	0.00	3682.87	373.59	-1232.91	1288.27	0.00	0.00	0.00	9 5/8" Intermediate
4100.00	0.00	0.00	3782.87	373.59	-1232.91	1288.27	0.00	0.00	0.00	
4157.13	0.00	0.00	3840.00	373.59	-1232.91	1288.27	0.00	0.00	0.00	Wasatch Tongue
4200.00	0.00	0.00	3882.87	373.59	-1232.91	1288.27	0.00	0.00	0.00	
4300.00	0.00	0.00	3982.87	373.59	-1232.91	1288.27	0.00	0.00	0.00	
4400.00	0.00	0.00	4082.87	373.59	-1232.91	1288.27	0.00	0.00	0.00	
4487.13	0.00	0.00	4170.00	373.59	-1232.91	1288.27	0.00	0.00	0.00	Uteland Limestone
4500.00	0.00	0.00	4182.87	373.59	-1232.91	1288.27	0.00	0.00	0.00	
4600.00	0.00	0.00	4282.87	373.59	-1232.91	1288.27	0.00	0.00	0.00	
4642.13	0.00	0.00	4325.00	373.59	-1232.91	1288.27	0.00	0.00	0.00	Wasatch
4700.00	0.00	0.00	4382.87	373.59	-1232.91	1288.27	0.00	0.00	0.00	
4800.00	0.00	0.00	4482.87	373.59	-1232.91	1288.27	0.00	0.00	0.00	
4900.00	0.00	0.00	4582.87	373.59	-1232.91	1288.27	0.00	0.00	0.00	
5000.00	0.00	0.00	4682.87	373.59	-1232.91	1288.27	0.00	0.00	0.00	
5100.00	0.00	0.00	4782.87	373.59	-1232.91	1288.27	0.00	0.00	0.00	
5200.00	0.00	0.00	4882.87	373.59	-1232.91	1288.27	0.00	0.00	0.00	
5300.00	0.00	0.00	4982.87	373.59	-1232.91	1288.27	0.00	0.00	0.00	
5400.00	0.00	0.00	5082.87	373.59	-1232.91	1288.27	0.00	0.00	0.00	
5500.00	0.00	0.00	5182.87	373.59	-1232.91	1288.27	0.00	0.00	0.00	
5537.13	0.00	0.00	5220.00	373.59	-1232.91	1288.27	0.00	0.00	0.00	Chapita Wells
5600.00	0.00	0.00	5282.87	373.59	-1232.91	1288.27	0.00	0.00	0.00	
5700.00	0.00	0.00	5382.87	373.59	-1232.91	1288.27	0.00	0.00	0.00	
5800.00	0.00	0.00	5482.87	373.59	-1232.91	1288.27	0.00	0.00	0.00	
5900.00	0.00	0.00	5582.87	373.59	-1232.91	1288.27	0.00	0.00	0.00	
6000.00	0.00	0.00	5682.87	373.59	-1232.91	1288.27	0.00	0.00	0.00	
6100.00	0.00	0.00	5782.87	373.59	-1232.91	1288.27	0.00	0.00	0.00	
6200.00	0.00	0.00	5882.87	373.59	-1232.91	1288.27	0.00	0.00	0.00	
6300.00	0.00	0.00	5982.87	373.59	-1232.91	1288.27	0.00	0.00	0.00	
6400.00	0.00	0.00	6082.87	373.59	-1232.91	1288.27	0.00	0.00	0.00	
6500.00	0.00	0.00	6182.87	373.59	-1232.91	1288.27	0.00	0.00	0.00	
6600.00	0.00	0.00	6282.87	373.59	-1232.91	1288.27	0.00	0.00	0.00	
6667.13	0.00	0.00	6350.00	373.59	-1232.91	1288.27	0.00	0.00	0.00	Uteland Buttes
6700.00	0.00	0.00	6382.87	373.59	-1232.91	1288.27	0.00	0.00	0.00	
6800.00	0.00	0.00	6482.87	373.59	-1232.91	1288.27	0.00	0.00	0.00	

# Strata Directional Technology, Inc.

## Planning Report

<b>Company:</b> Dominion E&P, Inc.	<b>Date:</b> 7/9/2007	<b>Time:</b> 14:58:50	<b>Page:</b> 5
<b>Field:</b> Uintah County, Utah	<b>Co-ordinate(NE) Reference:</b> Well: #12-27F, Grid North		
<b>Site:</b> HCU #12-27F	<b>Vertical (TVD) Reference:</b> SITE 0.0		
<b>Well:</b> #12-27F	<b>Section (VS) Reference:</b> Well (0.00N,0.00E,286.86Azi)		
<b>Wellpath:</b> Proposal 1r0	<b>Plan:</b> Proposal 1r0		

### Survey

MD ft	Incl deg	Azim deg	TVD ft	+N/-S ft	+E/-W ft	VS ft	DLS deg/100ft	Build deg/100ft	Turn deg/100ft	Tool/Comment
6900.00	0.00	0.00	6582.87	373.59	-1232.91	1288.27	0.00	0.00	0.00	
7000.00	0.00	0.00	6682.87	373.59	-1232.91	1288.27	0.00	0.00	0.00	
7100.00	0.00	0.00	6782.87	373.59	-1232.91	1288.27	0.00	0.00	0.00	
7200.00	0.00	0.00	6882.87	373.59	-1232.91	1288.27	0.00	0.00	0.00	
7300.00	0.00	0.00	6982.87	373.59	-1232.91	1288.27	0.00	0.00	0.00	
7400.00	0.00	0.00	7082.87	373.59	-1232.91	1288.27	0.00	0.00	0.00	
7427.13	0.00	0.00	7110.00	373.59	-1232.91	1288.27	0.00	0.00	0.00	Mesaverde
7500.00	0.00	0.00	7182.87	373.59	-1232.91	1288.27	0.00	0.00	0.00	
7600.00	0.00	0.00	7282.87	373.59	-1232.91	1288.27	0.00	0.00	0.00	
7700.00	0.00	0.00	7382.87	373.59	-1232.91	1288.27	0.00	0.00	0.00	
7800.00	0.00	0.00	7482.87	373.59	-1232.91	1288.27	0.00	0.00	0.00	
7900.00	0.00	0.00	7582.87	373.59	-1232.91	1288.27	0.00	0.00	0.00	
8000.00	0.00	0.00	7682.87	373.59	-1232.91	1288.27	0.00	0.00	0.00	
8100.00	0.00	0.00	7782.87	373.59	-1232.91	1288.27	0.00	0.00	0.00	
8200.00	0.00	0.00	7882.87	373.59	-1232.91	1288.27	0.00	0.00	0.00	
8292.13	0.00	0.00	7975.00	373.59	-1232.91	1288.27	0.00	0.00	0.00	PBHL

### Targets

Name	Description Dip. Dir.	TVD ft	+N/-S ft	+E/-W ft	Map Northing ft	Map Easting ft	← Latitude → Deg Min Sec	← Longitude → Deg Min Sec
Surface		0.00	0.00	0.00	-33902081.883006140.04		39 54 56.130 S	109 39 10.760 W
PBHL -Plan hit target		7975.00	373.59	-1232.91	-33901708.293004907.13		39 54 54.634 S	109 39 16.723 W

### Casing Points

MD ft	TVD ft	Diameter in	Hole Size in	Name
550.00	550.00	13.375	17.500	13 3/8" Surface
4000.00	3682.87	9.625	12.250	9 5/8" Intermediate

### Formations

MD ft	TVD ft	Formations	Lithology	Dip Angle deg	Dip Direction deg
4157.13	3840.00	Wasatch Tongue		0.00	0.00
4487.13	4170.00	Uteland Limestone		0.00	0.00
4642.13	4325.00	Wasatch		0.00	0.00
5537.13	5220.00	Chapita Wells		0.00	0.00
6667.13	6350.00	Uteland Buttes		0.00	0.00
7427.13	7110.00	Mesaverde		0.00	0.00

### Annotation

MD ft	TVD ft	Description
550.00	550.00	13 3/8" Surface Casing
550.00	550.00	KOP, Build 3.00°/100'
1641.86	1583.35	Hold 32.76°, 286.86° Azimuth
2900.27	2641.65	Drop 3.00°/100'
3992.13	3675.00	End of Drop
4000.00	3682.87	9 5/8" Intermediate Casing
8292.13	7975.00	PBHL

**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: U-29784
		6. IF INDIAN, ALLOTTEE OR TRIBE NAME:
		7. UNIT or CA AGREEMENT NAME: HILL CREEK UNIT
1. TYPE OF WELL OIL WELL <input type="checkbox"/> GAS WELL <input checked="" type="checkbox"/> OTHER _____		8. WELL NAME and NUMBER: HCU 12-27F
2. NAME OF OPERATOR: XTO ENERGY INC.		9. API NUMBER: 4304737424
3. ADDRESS OF OPERATOR: 2700 Farmington Ave.      CITY Farmington      STATE NM      ZIP 87401		10. FIELD AND POOL, OR WILDCAT: MVRD
4. LOCATION OF WELL FOOTAGES AT SURFACE: 1607' FSL & 1885' FWL		COUNTY: UINTAH
QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN: NESW 27 10S 20E		STATE: UTAH

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

TYPE OF SUBMISSION	TYPE OF ACTION		
<input type="checkbox"/> NOTICE OF INTENT (Submit in Duplicate) Approximate date work will start: _____	<input type="checkbox"/> ACIDIZE	<input type="checkbox"/> DEEPEN	<input type="checkbox"/> REPERFORATE CURRENT FORMATION
	<input type="checkbox"/> ALTER CASING	<input type="checkbox"/> FRACTURE TREAT	<input type="checkbox"/> SIDETRACK TO REPAIR WELL
	<input type="checkbox"/> CASING REPAIR	<input type="checkbox"/> NEW CONSTRUCTION	<input type="checkbox"/> TEMPORARILY ABANDON
	<input type="checkbox"/> CHANGE TO PREVIOUS PLANS	<input type="checkbox"/> OPERATOR CHANGE	<input type="checkbox"/> TUBING REPAIR
	<input type="checkbox"/> CHANGE TUBING	<input type="checkbox"/> PLUG AND ABANDON	<input type="checkbox"/> VENT OR FLARE
<input checked="" type="checkbox"/> SUBSEQUENT REPORT (Submit Original Form Only) Date of work completion: 7/19/2007	<input type="checkbox"/> CHANGE WELL NAME	<input type="checkbox"/> PLUG BACK	<input type="checkbox"/> WATER DISPOSAL
	<input type="checkbox"/> CHANGE WELL STATUS	<input type="checkbox"/> PRODUCTION (START/RESUME)	<input type="checkbox"/> WATER SHUT-OFF
	<input type="checkbox"/> COMMINGLE PRODUCING FORMATIONS	<input type="checkbox"/> RECLAMATION OF WELL SITE	<input checked="" type="checkbox"/> OTHER: <u>SPUD</u>
	<input type="checkbox"/> CONVERT WELL TYPE	<input type="checkbox"/> RECOMPLETE - DIFFERENT FORMATION	

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

Dominion E&P spud this well on 7/19/2007. Drilled 17-1/2" hole to 515' and set 12 joints 13-3/8", 48#, H-40, EUE casing @ 515'. Cemented surface casing with 500 sx Class G, 1.15 yield, circ 12 bbls to surface.

XTO Energy Inc. assumed ownership of this well on 8/1/2007 and drilled intermediate hole with 12-1/4" bit to 4114'. Ran 91 joints 9-5/8", 36#, J-55, ST&C casing set at 4086'. Cemented intermediate casing with 880 sx Class G, 1.21 yield.

Continuing to drill.

NAME (PLEASE PRINT) HOLLY C. PERKINS	TITLE REGULATORY COMPLIANCE TECH
SIGNATURE	DATE 8/22/2007

(This space for State use only)

**AUG 27 2007**

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

**OPERATOR CHANGES DOCUMENTATION**

Enter date after each listed item is completed

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

**DATA ENTRY:**

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

**BOND VERIFICATION:**

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

The Division sent response by letter on:

**LEASE INTEREST OWNER NOTIFICATION:**

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

**COMMENTS:**

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

FORM 9

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

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

TYPE OF SUBMISSION	TYPE OF ACTION		
<input checked="" type="checkbox"/> NOTICE OF INTENT (Submit in Duplicate) Approximate date work will start: _____	<input type="checkbox"/> ACIDIZE	<input type="checkbox"/> DEEPEN	<input type="checkbox"/> REPERFORATE CURRENT FORMATION
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<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

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

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

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

api	well name	qtr	qtr	sec	twp	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

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AUG 16 2007

DIV. OF OIL, GAS & MINING

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

FORM 9

**SUNDRY NOTICES AND REPORTS ON WELLS**

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

1. TYPE OF WELL OIL WELL <input type="checkbox"/> GAS WELL <input checked="" type="checkbox"/> OTHER _____		5. LEASE DESIGNATION AND SERIAL NUMBER: U-29784
2. NAME OF OPERATOR XTO ENERGY INC.		6. IF INDIAN, ALLOTTEE OR TRIBE NAME:
3. ADDRESS OF OPERATOR 382 CR 3100 CITY AZTEC STATE NM ZIP 87410		7. UNIT or CA AGREEMENT NAME: HILL CREEK UNIT
4. LOCATION OF WELL FOOTAGES AT SURFACE: 1607' FSL & 1885' FWL QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN: NESW 27 10S 20E		8. WELL NAME and NUMBER: HCU 12-27F
PHONE NUMBER: (505) 333-3100		9. API NUMBER: 4304737424
COUNTY: UINTAH		10. FIELD AND POOL, OR WILDCAT: NATURAL BUTTES
STATE: UTAH		

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

TYPE OF SUBMISSION	TYPE OF ACTION		
<input type="checkbox"/> NOTICE OF INTENT (Submit in Duplicate) Approximate date work will start: _____	<input type="checkbox"/> ACIDIZE	<input type="checkbox"/> DEEPEN	<input type="checkbox"/> REPERFORATE CURRENT FORMATION
	<input type="checkbox"/> ALTER CASING	<input type="checkbox"/> FRACTURE TREAT	<input type="checkbox"/> SIDETRACK TO REPAIR WELL
	<input type="checkbox"/> CASING REPAIR	<input type="checkbox"/> NEW CONSTRUCTION	<input type="checkbox"/> TEMPORARILY ABANDON
	<input type="checkbox"/> CHANGE TO PREVIOUS PLANS	<input type="checkbox"/> OPERATOR CHANGE	<input type="checkbox"/> TUBING REPAIR
	<input type="checkbox"/> CHANGE TUBING	<input type="checkbox"/> PLUG AND ABANDON	<input type="checkbox"/> VENT OR FLARE
<input checked="" type="checkbox"/> SUBSEQUENT REPORT (Submit Original Form Only) Date of work completion: 10/4/2007	<input type="checkbox"/> CHANGE WELL NAME	<input type="checkbox"/> PLUG BACK	<input type="checkbox"/> WATER DISPOSAL
	<input type="checkbox"/> CHANGE WELL STATUS	<input type="checkbox"/> PRODUCTION (START/RESUME)	<input type="checkbox"/> WATER SHUT-OFF
	<input type="checkbox"/> COMMINGLE PRODUCING FORMATIONS	<input type="checkbox"/> RECLAMATION OF WELL SITE	<input checked="" type="checkbox"/> OTHER: OCT 2007 MONTHLY REPORT
	<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.  
Attached is XTO Energy's monthly rpt for the period of 8/1/2007 to 10/4/2007.

NAME (PLEASE PRINT) <u>HOLLY C. PERKINS</u>	TITLE <u>REGULATORY COMPLIANCE TECH</u>
SIGNATURE <u>Holly C. Perkins</u>	DATE <u>10/5/2007</u>

(This space for State use only)

**RECEIVED**  
**OCT 10 2007**  
DIV. OF OIL, GAS & MINING

**UINTAH**

**HCU 12-27F**

LOCATION : HCU 12-27F  
CONTRACTOR: Frontier Drilling, 2

DATE: 8/15/2007  
OPERATION: MIRU  
DFS: 0.19 Footage Made: 158 Measured Depth: 708  
MW: 9.1 VISC:  
WOB: 45 RPM: 0  
DMC: CMC: DWC: 38,450.00 CWC: 38,450.00  
TIME DIST: (11.00) MIRU. (1.00) PU BHA DIREC. (5.00) PU BHA CENTER COND. (1.00) INSTALL DRIVE BUSHING. (1.50) DRLG CMT. (4.50) DRLG TO 708.

DATE: 8/16/2007  
OPERATION: DRLG DIREC  
DFS: 1.19 Footage Made: 627 Measured Depth: 1,335  
MW: 9 VISC: 32  
WOB: 45 RPM: 0  
DMC: CMC: DWC: 38,450.00 CWC: 76,900.00  
TIME DIST: (10.00) DIREC DRLG TO 1016. (0.50) RIG SERVICE. (1.50) MWD PROBLEMS. (3.00) CHG MWD NO PULSE. (9.00) DRLG TO 1335.

DATE: 8/17/2007  
OPERATION: DIREC DRLG  
DFS: 2.19 Footage Made: 1,038 Measured Depth: 2,373  
MW: 9.1 VISC: 34  
WOB: 50 RPM: 0  
DMC: CMC: DWC: 48,400.00 CWC: 125,300.00  
TIME DIST: (8.00) DRLG TO 1708. (0.50) RIG SERVICE. (1.00) DRILL TO 1745. (0.50) FIX POP OFF. (14.00) DRLG TO 2373.

DATE: 8/18/2007  
OPERATION: DIREC DRLG  
DFS: 3.19 Footage Made: 887 Measured Depth: 3,260  
MW: 9.3 VISC: 34  
WOB: 50 RPM: 0  
DMC: CMC: DWC: 42,435.00 CWC: 167,735.00  
TIME DIST: (8.50) DRLG TO 2753. (0.50) RIG SERVICE. (15.00) DRLG TO 3260.

DATE: 8/19/2007  
OPERATION: DIREC DRLG  
DFS: 4.19 Footage Made: 444 Measured Depth: 3,704  
MW: 9.4 VISC: 34  
WOB: 51 RPM: 0  
DMC: CMC: DWC: 44,210.00 CWC: 211,945.00  
TIME DIST: (5.00) DRLG TO 3420. (1.00) CIRC F/ TOO. (6.00) TOO. CHG BIT AND MOTOR. (2.00) TEST MWD WASH 30' TO BTM. (10.00) DIREC DRLG TO 3704.

DATE: 8/20/2007  
OPERATION: DRLG TO 4114  
DFS: 5.19 Footage Made: 410 Measured Depth: 4,114  
MW: 9.4 VISC: 34  
WOB: 51 RPM: 0  
DMC: CMC: DWC: 62,200.00 CWC: 274,145.00  
TIME DIST: (10.00) DRLG TO 3955. (0.50) RIG SERVICE. (6.00) DRLG TO 4114. (1.00) CIRC. (3.00) TOO. (1.50) RU CSG AND LD MACH. (2.00) RUN 91 JTS OF 9 5/8 CSG TO 4086.

DATE: 8/21/2007  
OPERATION: TIH  
DFS: 6.19 Footage Made: 0 Measured Depth: 4,114  
MW: 9 VISC:  
WOB: RPM:  
DMC: CMC: DWC: 101,291.00 CWC: 375,436.00  
TIME DIST: (1.50) RUN CSG. (1.50) LAND CSG WAIT ON CEMENTERS. (2.00) CIRC RU CEMENTERS. (3.00) CEMENT CSG. (1.00) ND DIVERTER. (3.00) NU BOPE. (7.00) TEST BOPE TO 5K. (1.50) TIH W/ BHA #3. (1.50) CUT DRLG LINE. (2.00) TIH.

DATE: 8/22/2007  
OPERATION: DRLG  
DFS: 7.19 Footage Made: 1,424 Measured Depth: 5,538  
MW: 9.1 VISC: 31

WOB: 22 RPM: 55  
DMC: CMC: DWC: 50,665.00 CWC: 426,101.00  
TIME DIST: (0.50) TAG CEMENT @ 3908. (1.00) RU CHOKE LINES. (1.00) DRLG CMT, FLT AND SHOE. (0.50) DRLG FORM TO 4144.  
(0.50) FIT, SURVEY 3.2 DEG. (5.50) DRLG TO 4619. (0.50) RIG SERVICE. (9.00) DRLG TO 5158. (0.50) SURVEY @ 5078  
2.4 DEG. (5.00) DRLG TO 5538.

DATE: 8/23/2007  
OPERATION: DRLG  
DFS: 8.19 Footage Made: 1,522 Measured Depth: 7,060  
MW: 9.3 VISC: 32  
WOB: 22 RPM: 55  
DMC: CMC: DWC: 35,527.00 CWC: 461,628.00  
TIME DIST: (9.00) DRLG TO 6172. (0.50) RIG SERVICE, SURVEY 6090 2.6 DEG. (14.50) DRLG TO 7060.

DATE: 8/24/2007  
OPERATION: DRLG  
DFS: 9.19 Footage Made: 792 Measured Depth: 7,852  
MW: 9.7 VISC: 33  
WOB: 25 RPM: 55  
DMC: CMC: DWC: 40,503.00 CWC: 502,131.00  
TIME DIST: (3.00) DRLG TO 7186. (0.50) SURVEY @ 7105 2.2 DEG. (6.50) DRLG TO 7408. (0.50) RIG SERVICE. (1.50) DRLG TO  
7471. (12.00) DRLG TO 7852.

DATE: 8/25/2007  
OPERATION: TOOH  
DFS: 10.19 Footage Made: 475 Measured Depth: 8,327  
MW: 9.8 VISC: 36  
WOB: 25 RPM: 55  
DMC: CMC: DWC: 36,992.00 CWC: 539,123.00  
TIME DIST: (9.50) DRLG TO 8137. (0.50) RIG SERVICE. (8.50) DRLG TO 8327. (1.00) CIRC F/ TRIP. (4.50) TOOH F/ LOGS.

DATE: 8/26/2007  
OPERATION: RUNNING OHL  
DFS: 11.19 Footage Made: 0 Measured Depth: 8,327  
MW: 9.9 VISC: 43  
WOB: RPM:  
DMC: CMC: DWC: 46,317.00 CWC: 585,440.00  
TIME DIST: (3.50) ATTEMPT OH LOGS, HIT BRIDGE AT 4116', UNABLE TO FURTHER. (4.00) TIH WASHING 30' TO BTM.. (10.50)  
CIRC. AND COND HOLE. RAISE VISC. TO 43, CHANGE TOOL CENTRALIZER TO 5 1/4" OD.. (4.00) TRIP OUT OF HOLE TO  
RUN OPEN HOLE LOGS.. (2.00) RU SCHLUMBERGER AND HOLD SAFETY MEETING. TIH FOR SECOND ATTEMPT AT  
OPEN HOLE LOGS..

DATE: 8/27/2007  
OPERATION: RU TO CIRC. CSG FOR CMT.  
DFS: 12.19 Footage Made: 0 Measured Depth: 8,327  
MW: 9.9 VISC: 44  
WOB: RPM:  
DMC: CMC: DWC: 93,709.00 CWC: 679,149.00  
TIME DIST: (4.00) SCHLUMBERGER RAN PLATFORM EXPRESS W/ DIRECTIONAL SURVEY AND CAL. FROM 8320' LTD. TO 4100' AT  
BASE INTERMED. CSG.. (4.00) RD SCHLUMBERGER AND TIH AFTER LOGS.. (1.00) DRLD 8327'-8343' (15' @ 15 FPH).  
(1.00) CIRC. AND COND HOLE FOR CSG.. (4.50) PUMPED PILL AND POOH LAYING DOWN DP. (1.00) BREAK KELLY  
AND SUBS. (1.50) POOH LD HEVY WT. AND DC.. (7.00) RU FRANKS WESTSTATES CSG. SERV. AND HOLD SAFETY  
MEETING. RAN AND LANDED 187 JTS. (8316') OF 5 1/2", 17#, I-100 CSG. AT 8333'..

DATE: 8/28/2007  
OPERATION: RIG RELEASED  
DFS: 13.19 Footage Made: 0 Measured Depth: 8,327  
MW: 9.9 VISC: 44  
WOB: RPM:  
DMC: CMC: DWC: 176,894.00 CWC: 856,043.00  
TIME DIST: (1.50) CIRC. AND COND. HOLE FOR CMT.. (4.50) CMT CSG W/ 710 SX HALLIBURTON PREM. LT. PLUS. DISPLACE  
CMT. W/ 192 BBL 2% KCL AT 1700#. OVER DISP. 3/4 BBL. DID NOT BUMP PLUG.. (3.00) CLEAN MUD PITS. RELEASED  
RIG AT 15:00, 8/27/07.. (15.00) RD ROTARY TOOLS..

**HCU 12-27F**

LOCATION: HCU 12-27F  
CONTRACTOR: Bill Jrs, 6

DATE: 7/20/2007

OPERATION: INSTALL CSGN HEAD

DFS: 0.5 Footage Made: 550 Measured Depth: 550

MW: VISC:

WOB: 20 RPM: 40

DMC: CMC: DWC: 113,930.00 CWC: 113,930.00

TIME DIST: (8.00) DRILL 550' OF 17.5" HOLE W/ AIR MIST.. (8.00) RUN 12 JT'S OF 13.375" CSGN SET @ 515'/GL. (8.00) CEMENT  
W/ 500 SKS. 12 BBLs TO SURFACE.

## Farmington Well Workover Report

<b>HILL CREEK UNIT</b>	<b>Well # 12-27F</b>	<b>MV/WSTC</b>
------------------------	----------------------	----------------

**Objective:** Drill & Complete

**First Report:** 08/27/2007

**AFE:** 713967

**1/28/07** Wellview has all the drilling detail and accumulated cost.

**1/12/07** First rpt for AFE# 713967. MI build pads for sep/dehy combo unit, tk & mtr. Set 12' x 20' Natco tk (8J26701-02) w/500K htr (SN 0706-669). Set Pessco sep/dehy combo unit w/pre htr 24" x 12' w/250K htr & 16" X 6' vert sep & 16" x 15' absorber tower & dehy w/75k htr (SN 102385). Build pad & set 2" sales mtr run w/Daniels simplex w/600 psi flgs. Run 2" sch 80 TBE bare pipe fr/WH to combo unit & fr/combo unit to prod tk. Run 2' ln fr/combo unit to sales mtr. Run 1/2" steel tbg for heat tr to tk & WH. Inst tk containment ring 44" x 52' x 10 ga & paint Carlsbad tan. Ins & tin flw ln & tk ln. Susp rpt pending further activity.

**1/17/07** Inst new TotalFlow XFC 6413 # 23107449, Ferguson ACP 5000 #07050998, MDS radio 4710B #1595873,man, solar panel, csg. and tbg xmtr, latching vlv, tk lvl sw. Complete.

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

FORM 9

5. LEASE DESIGNATION AND SERIAL NUMBER:  
**U-29784**

**SUNDRY NOTICES AND REPORTS ON WELLS**

6. IF INDIAN, ALLOTTEE OR TRIBE NAME:

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

7. UNIT or CA AGREEMENT NAME:  
**HILL CREEK UNIT**

1. TYPE OF WELL      OIL WELL       GAS WELL       OTHER \_\_\_\_\_

8. WELL NAME and NUMBER:  
**HCU 12-27F**

2. NAME OF OPERATOR:  
**XTO ENERGY INC.**

9. API NUMBER:  
**4304737424**

3. ADDRESS OF OPERATOR:  
**382 CR 3100**      CITY **AZTEC**      STATE **NM**      ZIP **87410**

PHONE NUMBER:  
**(505) 333-3100**

10. FIELD AND POOL, OR WLD/CAT:  
**MVRD**

4. LOCATION OF WELL

FOOTAGES AT SURFACE: **1607' FSL & 1885' FWL**

COUNTY: **UINTAH**

QTR/QTR. SECTION, TOWNSHIP, RANGE, MERIDIAN: **NESW 27 10S 20E**

STATE: **UTAH**

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

TYPE OF SUBMISSION	TYPE OF ACTION		
<input type="checkbox"/> NOTICE OF INTENT (Submit in Duplicate)  Approximate date work will start:  _____	<input type="checkbox"/> ACIDIZE	<input type="checkbox"/> DEEPEN	<input type="checkbox"/> REPERFORATE CURRENT FORMATION
	<input type="checkbox"/> ALTER CASING	<input type="checkbox"/> FRACTURE TREAT	<input type="checkbox"/> SIDETRACK TO REPAIR WELL
<input checked="" type="checkbox"/> SUBSEQUENT REPORT (Submit Original Form Only)  Date of work completion: <b>7/19/2007</b>	<input type="checkbox"/> CASING REPAIR	<input type="checkbox"/> NEW CONSTRUCTION	<input type="checkbox"/> TEMPORARILY ABANDON
	<input type="checkbox"/> CHANGE TO PREVIOUS PLANS	<input type="checkbox"/> OPERATOR CHANGE	<input type="checkbox"/> TUBING REPAIR
	<input type="checkbox"/> CHANGE TUBING	<input type="checkbox"/> PLUG AND ABANDON	<input type="checkbox"/> VENT OR FLARE
	<input type="checkbox"/> CHANGE WELL NAME	<input type="checkbox"/> PLUG BACK	<input type="checkbox"/> WATER DISPOSAL
	<input type="checkbox"/> CHANGE WELL STATUS	<input type="checkbox"/> PRODUCTION (START/RESUME)	<input type="checkbox"/> WATER SHUT-OFF
	<input type="checkbox"/> COMMINGLE PRODUCING FORMATIONS	<input type="checkbox"/> RECLAMATION OF WELL SITE	<input checked="" type="checkbox"/> OTHER: <b>CORRECTION TO SPUD NOTICE</b>
	<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.

Dominion E&P spud this well on 6/19/2007 and XTO filed a spud notice on 8/22/2007 that incorrectly stated spud date as 7/19/2007. Please correct in well files accordingly.

NAME (PLEASE PRINT) HOLLY C. PERKINS      TITLE REGULATORY COMPLIANCE TECH  
SIGNATURE *Holly C. Perkins*      DATE 10/30/2007

(This space for State use only)

**RECEIVED**  
**NOV 02 2007**

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

FORM 9

<b>SUNDRY NOTICES AND REPORTS ON WELLS</b>		5. LEASE DESIGNATION AND SERIAL NUMBER: U-29784
Do not use this form for proposals to drill new wells, significantly deepen existing wells below current bottom-hole depth, reenter plugged wells, or to drill horizontal laterals. Use APPLICATION FOR PERMIT TO DRILL form for such proposals.		6. IF INDIAN, ALLOTTEE OR TRIBE NAME: UTE INDIAN TRIBE
		7. UNIT or CA AGREEMENT NAME: HILL CREEK UNIT
1. TYPE OF WELL OIL WELL <input type="checkbox"/> GAS WELL <input checked="" type="checkbox"/> OTHER _____	8. WELL NAME and NUMBER: HCU 12-27F	
2. NAME OF OPERATOR: XTO ENERGY INC.	9. API NUMBER: 4304737424	
3. ADDRESS OF OPERATOR: 382 CR 3100 CITY: AZTEC STATE: NM ZIP: 87410	PHONE NUMBER: (505) 333-3100	10. FIELD AND POOL OR WLDCAT: NATURAL BUTTES
4. LOCATION OF WELL		
FOOTAGES AT SURFACE: 1607' FSL & 1885' FWL		COUNTY: UINTAH
QTR/QTR. SECTION TOWNSHIP. RANGE. MERIDIAN: NESW 27 10S 20E 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 (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
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	<input type="checkbox"/> CHANGE TO PREVIOUS PLANS	<input type="checkbox"/> OPERATOR CHANGE	<input type="checkbox"/> TUBING REPAIR
	<input type="checkbox"/> CHANGE TUBING	<input type="checkbox"/> PLUG AND ABANDON	<input type="checkbox"/> VENT OR FLARE
<input checked="" type="checkbox"/> SUBSEQUENT REPORT (Submit Original Form Only) Date of work completion: 11/15/2007	<input type="checkbox"/> CHANGE WELL NAME	<input type="checkbox"/> PLUG BACK	<input type="checkbox"/> WATER DISPOSAL
	<input type="checkbox"/> CHANGE WELL STATUS	<input type="checkbox"/> PRODUCTION (START/RESUME)	<input type="checkbox"/> WATER SHUT-OFF
	<input type="checkbox"/> COMMINGLE PRODUCING FORMATIONS	<input type="checkbox"/> RECLAMATION OF WELL SITE	<input checked="" type="checkbox"/> OTHER: MONTHLY RPT 10/6/07 - 11/15/07
	<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.  
Monthly Report for 10/6/2007 to 11/15/2007 attached.

**RECEIVED**  
**NOV 23 2007**  
DIV. OF OIL, GAS & MINING

NAME (PLEASE PRINT) <u>HOULY C. FERKINS</u>	TITLE <u>REGULATORY COMPLIANCE TECH</u>
SIGNATURE <u><i>Houly C. Ferkins</i></u>	DATE <u>11/19/2007</u>

(This space for State use only)

## Farmington Well Workover Report

<b>HILL CREEK UNIT</b>	<b>Well # 12-27F</b>	<b>MV/WSTC</b>
------------------------	----------------------	----------------

**Objective:** Drill & Complete**First Report:** 08/27/2007**AFE:** 713967

**10/26/07** Cont for AFE #713967 to D&C. MIRU Schlumberger WL. RIH w/logging tls. Tgd PBTD @ 8222'. Run CBL fr/8212' - 3250'. Cmt top @ 3650'. POH & LD logging tools. RU pmp trk. PT csg & frac vlv to 5000 psig (OK). RDMO WL. SWI.

**11/3/07** Contd rpt for AFE #713967 to D&C. MIRU WL. RIH w/3-1/8" csg guns loaded w/Owen SDP-3125-411NT4, 21 gm chrgs. Perf stage 1 intv fr/8069' - 70', 8083' - 86', 8143' - 46', 8188' - 91' & 8214' - 17' w/3 SPF (120 deg phasing, 0.35" EHD, 34.24" pene., 39 holes). POH & LD perf guns. RDMO WL. MIRU CTU & ac pmp trk. SICP 0 psig. Fill CT & tst surf equip to 5500 psig. TIH w/1-3/4" to 8222' & displ well w/2% KCL wtr trtd w/biocide & sc inhibitor. W/EOT @ 8217' sptd 250 gals 7.5% HCL over perfs @ 8069' - 8217' (ac fr/8217' - 7961'). TOH w/CT. NU pmp trk & BD perfs @ 2500 psig. EIR of 3 BPM @ 2300 psig. ISIP 2100 psig, 5" SIP 1950 psig, 10" SIP 1750 psig & 15" SIP 1750 psig. Frac grad .72. SWI & RDMO CTU & pmp trk. 18 BLWTR.

**11/6/07** SICP 120 psig. MIRU Schlumberger frac equip. Frac MV perfs fr/8069' - 8217', dwn 5-1/2" csg w/30Q N2 foamed XL fluid (YF115ST) gel w/103,030 gals, 2% KCl wtr carrying 186,328 lbs 20/40 SB sd. Max sd conc 6.5 ppg. ISIP 3,399 psig, 5" SIP 3130 psig. ATP 4,556 psig. 0.81 Frac grad. 2658 BLWTR. RIH & set 5-1/2" CFP @ 8040', PT plg to 6,000 psig. Gd tst. RIH w/3-1/8" csg gun and perf MV zone # 2 fr/7863' - 65', 7880' - 82', 7922' - 24', 7997' - 5000', & 8024' - 26' w/3 JSPF (Owen 21gm chrgs, .35" dia, 34.24" pent.) 33 holes ttl. BD MV #2 @ 3300 psig. 0.80 frac grad. Pmp 297 bbls slick water. SWI & SDFN due to Schlumberger mec brk dwn. 2,973 BLWTR (ttl).

**11/7/07** SICP 1450 psig. Frac MV zone # 2 fr/7863' - 8026' dwn 5-1/2" csg w/30Q N2 foamed XL fluid (YF115ST) gel w/85,527 gals 2% KCl wtr carrying 102,218 lbs 20/40 Jordan sd & 65,357 lbs 20/40 SB sd. Max sd conc 6.0 ppg. ISIP 3615 psig, 5" SIP 3425 psig, ATP 4891. 0.80 Frac grad. 2218 BLWTR. RIH & set 5-1/2" CFP @ 7640', PT plg to 6,000 psig. Gd tst. RIH w/3-1/8" csg gun and perf MV zone # 3 fr/ 7592' - 7598' w/3 JSPF (Owen 21gm chrgs, .35" dia, 34.24" pent.) 18 holes ttl. Frac MV perfs fr/7592' - 7598' dwn 5-1/2" csg w/30Q N2 foamed SlickWater w/49,098 gals 2% KCl wtr carrying 19,943 lbs 20/40 Jordan sd & 23,801 lbs 20/40 SB sd. Max sd conc 2.3 ppg. Screened out @ 6574 psig w/34,845 lbs 20/40 SB sd in formation & 8,956 lbs in csg w/21 of 176 bbls flsh ppd. SIP 5864 psig, 5" SIP 4850 psig, ATP 4688. 0.91 Frac grad. 1261 BLWTR. 6452 ttl BLWTR. OWU on 24/64 ck to flw bk tnk @ 7:00 pm. F. 250 BLW, 10 hrs, FCP 4850 - 2,250 psig, 18/64" ck. Rets of hvy - lt sd. 6202 BLWTR.

**11/8/07** SICP 2625 psig. RU WL & RIH w/GR to 7,160' FS. Tgd no sd. RIH & set 5-1/2" CFP @ 7120', PT plg to 6,000 psig. Gd tst. RIH w/3-1/8" csg gun and perf MV zone # 4 fr/7076' - 7082'. w/3 JSPF (Owen 21gm chrgs, .35" dia, 34.24" pent.) 18 holes ttl. Pressure up to 6500 psig, unable to brk dwn. RU WL & RIH w/dump blr. Spotd 10 gals 15% HCL @ 7070'. Form BD to 3400 psig. POH & LD dump blr. EIR of 4900 psig @ 34.9 bpm. Surge back 20 bbls. Frac UB perfs fr/7076' - 7082' dwn 5-1/2" csg w/30Q N2 foamed SlickWater w/70,442 gals, 2% KCl wtr carrying 28,639 lbs 20/40 jordan & 11,161 lbs 20/40 SB sd. Max sd conc 2.4 ppg. Screened out @ 6405 psig w/5,011 lbs 20/40 SB sd in formation & 6,150 lbs in csg. Ppd 56 of 164 bbl flush. SICP 5864 psig, 5" SICP 5035 psig, ATP 4819. 0.85 Frac grad. 1950 BLWTR (stg #4). OWU on 16/64 ck to flw bk tnk @ 3:00 pm. F.141 BBLs, FCP 4850 - 0 psig, 48/64" ck. Rets of lt

sd. Inst new TotalFlow XFC 6413 # 23108923, Ferguson ACP 5000 #070503261, MDS radio 4710B #1635563, man, solar panel, csg & tbg xmtr, latching vlv. tk lvl sw. Complete. 8011 BLWTR (ttl).

Flow	Zone:	MV			Top Interval: 7,076	Bottom Interval: 7,082
Event Desc:		Flow Back				
		Avg	Choke	BBLs		
Time	Press	Size	Rec	Comments		
3:00:00 PM	4,850	16/64	0	Open up to tnk.		
4:00:00 PM	2,200	24/64	60	Fld.		
5:00:00 PM	550	24/64	40	Lt sd.		
6:00:00 PM	250	48/64	30	Gas & fld.		
7:00:00 PM	200	48/64	7	Foam.		
8:00:00 PM	50	48/64	3	Foam.		
9:00:00 PM	0	48/64	1			
10:00:00 PM	0	48/64	0	SWI.		
			<b>Ttl Bbls:</b>	141		

11/9/07 SICP 0 psig. RU WL & RIH w/GR. Tgd sd @ 3,951' FS. MIRU CTU. RIH w 2" CT. Tgd @ 2200' & 3900'. CO fill to CFP @ 7120'. Circ cln @ 2bpm w/2%KCL. POH w/CT & RDMO. OWU on 24/64 ck to flw bk tnk @ 8:30 pm. F 747 BLW, FCP 1100 - 1150 psig, 48/64" ck. Rets of lt sd. 7624 BLWTR (ttl). SWI @ 5:00 am.

Flow	Zone:	MV			Top Interval: 7,076	Bottom Interval: 8,217
Event Desc:		FLOW BACK				
		Avg	Choke	BBLs		
Time	Press	Size	Rec	Comments		
5:00:00 PM	0	48/64	50	Open up to tk.		
6:00:00 PM	500	48/64	75	Fluid.		
7:00:00 PM	1,000	24/64	100	Hvy sd.		
8:00:00 PM	1,100	24/64	50	Lt sd.		
9:00:00 PM	1,300	24/64	50	Gas / fluid.		
10:00:00 PM	1,300	24/64	61	Gas / fluid.		
11:00:00 PM	1,150	24/64	34	Gas / fluid.		
12:00:00 AM	1,150	24/64	69	Gas / fluid.		
1:00:00 AM	1,150	24/64	48	Gas / fluid.		
2:00:00 AM	1,150	24/64	51	Gas / fluid.		
3:00:00 AM	1,150	24/64	35	Gas / fluid.		
4:00:00 AM	1,150	24/64	52	Gas / fluid.		
5:00:00 AM	1,150	24/64	72	SI.		
			<b>Ttl Bbls:</b>	747		

11/10/07 SICP 1750 psig. RU WL & RIH w/GR to 6900' FS. Tgd no sd. RIH & set 5-1/2" CFP @ 6800', PT plg to

6,000 psig. Gd tst. RIH w/3-1/8" csg gun loaded w/Owen 21 gm. chrgs, 0.35" EHD, 34.24" pene. Perf CW zone # 5 fr/6,626' - 32' w/3 JSPF, 120 deg phasing, 18 holes ttl. BD CW #5 perfs @ 3300 psig, 0.87 frac grad. Frac CW perfs fr/6,626' - 6,632' dwn 5-1/2" csg w/30Q N2 foamed XL fld (YF115ST) gel w/56,455 gals, 2% KCl wtr carrying 57,722 lbs 20/40 Jordan sd & 16,875 lbs 20/40 SB sd. Max sd conc 7.3 ppg, ISIP 2690 psig, 5" SIP 2575 psig, ATP 3818 psig. 0.81 Frac grad. 1424 BLWTR. RIH & set 5-1/2" CFP @ 6000', PT plg to 6,000 psig. Gd tst. RIH w/3-1/8" csg gun and perf CW zone # 6 fr/5,628' - 5,634', w/3 JSPF (Owen 21gm chrgs, 0.35" dia, 34.24" pent.) 18 holes ttl. Frac CW perfs fr/5,628 -5634' dwn 5-1/2" csg w/30Q N2 foamed XL fld (YF115ST) gel w/44,099 gals, 2% KCl wtr carrying 63,302 20/40 lbs Jordan sd & 25,044 lbs 20/40 SB sd. Max sd conc 7.0 ppg, ISIP 2368 psig, 5" SIP 2205 psig, ATP 3495 psig. 0.78 Frac grad. 1145 BLWTR. RIH & set 5-1/2" CFP @ 5450', PT plg to 6,000 psig. Gd tst. RIH w/3-1/8" csg gun and perf Wasatch zone # 7 fr/5014' - 16' & 5412' - 16', w/3 JSPF (Owen 21gm chrgs, .35" dia, 34.24" pent.) 18 holes ttl. Frac Wasatch perfs fr/5014' - 16', & 5412' - 16', dwn 5-1/2" csg w/30Q N2 foamed SlickWater w/75,003 gals 2% KCl wtr carrying 35,254 20/40 Jordan sd & 32,350 lbs 20/40 SB sd. Max sd conc 2.5ppg, ISIP 3266 psig, 5" SIP 2975 psig, ATP 3840 psig. 1.06 Frac grad. 1859 BLWTR. 12,052 BLWTR ttl. SW1 4hrs. OWU ON 18/64 ck. F. 0 BO, 241 BLW, 9 hrs., FCP 3300 - 1850 psig. 18/64" ck. rets of gas, frac fld, lt sd. 11,811 ttl BLWTR.

<i>Flow</i>		<b>Zone:</b>	MV/WSTC	
		<b>Event Desc:</b>	Flow Back	Top Interval: 5,014 Bottom Interval: 8,217
		<b>Avg</b>	<b>Choke</b>	<b>BBLS</b>
<b>Time</b>	<b>Press</b>	<b>Size</b>	<b>Rec</b>	<b>Comments</b>
8:00:00 PM	3,300	18/64	3	Open to tk.
9:00:00 PM	2,500	18/64	28	Fld.
10:00:00 PM	2,100	18/64	42	Hvy sd.
11:00:00 PM	1,900	18/64	26	Lt sd.
12:00:00 AM	1,900	18/64	30	Gas & fld.
1:00:00 AM	2,000	18/64	15	Gas & fld.
2:00:00 AM	1,850	18/64	15	Gas, fld & lt sd.
3:00:00 AM	1,850	18/64	29	Gas, fld & lt sd.
4:00:00 AM	1,850	18/64	15	Gas, fld & lt sd.
5:00:00 AM	1,850	18/64	27	Gas, fld & lt sd.
6:00:00 AM	1,850	18/64	11	Gas, fld & lt sd.
<b>Ttl Bbls:</b>			241	

11/11/07 FCP 1,800 psig. F. 0 BO, 838 BLW, 24 hrs., FCP 1850 - 800 psig. 32/64"ck. Rets of gas, frac fld, lt sd. 10,973 ttl BLWTR.

<i>Flow</i>		<b>Zone:</b>	MV/WSTC	
		<b>Event Desc:</b>	Flow Back	Top Interval: 5,014 Bottom Interval: 8,217
		<b>Avg</b>	<b>Choke</b>	<b>BBLS</b>
<b>Time</b>	<b>Press</b>	<b>Size</b>	<b>Rec</b>	<b>Comments</b>
7:00:00 AM	1,500	18/64	52	Gas, fld & lt sd.
8:00:00 AM	1,400	18/64	11	Gas, fld & lt sd.
9:00:00 AM	1,350	18/64	14	Gas, fld & lt sd.

10:00:00 AM	1,300	18/64	12	Gas, fld & lt sd.
11:00:00 AM	1,400	18/64	12	Gas, fld & lt sd.
12:00:00 PM	1,350	18/64	11	Gas & fld.
1:00:00 PM	1,200	24/64	33	
2:00:00 PM	900	24/64	29	Fld & gas.
3:00:00 PM	900	24/64	15	Fld & gas.
4:00:00 PM	1,150	24/64	30	Fld & gas.
5:00:00 PM	1,000	32/64	64	
6:00:00 PM	900	32/64	19	Fld & gas.
7:00:00 PM	850	32/64	25	Fld & gas.
8:00:00 PM	800	32/64	21	Fld & gas.
9:00:00 PM	800	32/64	54	Fld & gas.
10:00:00 PM	800	32/64	36	Fld & gas.
11:00:00 PM	800	32/64	33	Fld & gas.
12:00:00 AM	800	32/64	43	Fld & gas.
1:00:00 AM	800	32/64	98	Fld & gas.
2:00:00 AM	800	32/64	49	Fld & gas.
3:00:00 AM	800	32/64	46	Fld & gas.
4:00:00 AM	800	32/64	26	Fld & gas.
5:00:00 AM	800	32/64	60	Fld & gas.
6:00:00 AM	800	32/64	45	Check ck.

**Ttl Bbls:** 838

**11/12/07** FCP 800 psig. F. 0 BO, 933, BLW, 24 hrs., 800 psig - 700 psig, 32/64" ck. Rets of frac fld, gas, sl tr of sd. 10,040 ttl BLWTR.

<i>Flow</i>	<b>Zone:</b> MV/WSTC				
	<b>Event Desc:</b> Flow Back		<b>Top Interval:</b> 5,014	<b>Bottom Interval:</b> 8,217	
		<b>Avg</b>	<b>Choke</b>	<b>BBLs</b>	
	<b>Time</b>	<b>Press</b>	<b>Size</b>	<b>Rec</b>	
				<b>Comments</b>	
	6:00:00 AM	800	32/64	31	Fld & gas.
	7:00:00 AM	800	32/64	4	Fld & gas.
	8:00:00 AM	800	32/64	8	Fld & gas.
	9:00:00 AM	800	32/64	57	Fld & gas.
	10:00:00 AM	800	32/64	52	Fld & gas.
	11:00:00 AM	750	32/64	60	Fld & gas.
	12:00:00 PM	750	32/64	61	Check ck.
	1:00:00 PM	700	32/64	52	Fld & gas.
	2:00:00 PM	700	32/64	52	Fld & gas.
	3:00:00 PM	700	32/64	49	Fld & gas.
	4:00:00 PM	700	32/64	43	Fld & gas.
	5:00:00 PM	700	32/64	61	Fld & gas.

6:00:00 PM	700	32/64	56	Check ck.
7:00:00 PM	700	32/64	28	Fld & gas.
8:00:00 PM	700	32/64	38	Fld & gas.
9:00:00 PM	700	32/64	35	Fld & gas.
10:00:00 PM	700	32/64	33	Fld & gas.
11:00:00 PM	700	32/64	29	Fld & gas.
12:00:00 AM	700	32/64	21	Check ck.
1:00:00 AM	700	32/64	46	Fld & gas.
2:00:00 AM	700	32/64	31	Fld & gas.
3:00:00 AM	700	32/64	26	Fld & gas.
4:00:00 AM	700	32/64	38	Fld & gas.
5:00:00 AM	700	32/64	22	Fld & gas.

**Ttl Bbls:** 933

**11/15/07** FCP 700 psig. F. 0 BO, 608 BLW, 16 hrs. FCP 700 - 600 psig. 32/64ck. Rets of fld, gas, no sd. Gas samples caught & sent to lab. 8329 ttl BLWTR.

*Flow* **Zone:** MV/WSTC  
**Event Desc:** Flow Back **Top Interval:** 5,014 **Bottom Interval:** 8,217

<u>Time</u>	<u>Avg Press</u>	<u>Choke Size</u>	<u>BBLS Rec</u>	<u>Comments</u>
6:00:00 AM	700	32/64	18	Fld & gas.
7:00:00 AM	700	32/64	22	Fld & gas.
8:00:00 AM	700	32/64	35	Fld & gas.
9:00:00 AM	700	32/64	12	Fld & gas.
10:00:00 AM	0	32/64	0	SI to plumb Breco unit.
6:00:00 PM	1,100	32/64	0	Fld & gas.
7:00:00 PM	1,100	32/64	116	Fld & gas.
8:00:00 PM	800	32/64	93	Fld & gas.
9:00:00 PM	700	32/64	116	Fld & gas.
10:00:00 PM	700	32/64	39	Fld & gas.
11:00:00 PM	700	32/64	49	Fld & gas.
12:00:00 AM	700	32/64	18	Fld & gas.
1:00:00 AM	700	32/64	32	Fld & gas.
2:00:00 AM	700	32/64	17	Fld & gas.
3:00:00 AM	600	32/64	17	Fld & gas.
4:00:00 AM	600	32/64	12	Fld & gas.
5:00:00 AM	600	32/64	12	Fld & gas.

**Ttl Bbls:** 608

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

FORM 9

**SUNDRY NOTICES AND REPORTS ON WELLS**

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

1. TYPE OF WELL OIL WELL <input type="checkbox"/> GAS WELL <input checked="" type="checkbox"/> OTHER _____		5. LEASE DESIGNATION AND SERIAL NUMBER: U-29784
2. NAME OF OPERATOR: XTO ENERGY INC.		6. IF INDIAN, ALLOTTEE OR TRIBE NAME: NORTHERN UTE INDIAN TRIBE
3. ADDRESS OF OPERATOR: 382 CR 3100 CITY AZTEC STATE NM ZIP 87410		7. UNIT or CA AGREEMENT NAME: HILL CREEK UNIT
4. LOCATION OF WELL FOOTAGES AT SURFACE: 607' FSL & 1885' FWL QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN: NESW 27 10S 20E		8. WELL NAME and NUMBER: HCU 12-27F
PHONE NUMBER: (505) 333-3100		9. API NUMBER: 4304737424
COUNTY: UINTAH		10. FIELD AND POOL, OR WLD/CAT: NATURAL BUTTES
STATE: UTAH		

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

TYPE OF SUBMISSION	TYPE OF ACTION		
<input type="checkbox"/> NOTICE OF INTENT (Submit in Duplicate) Approximate date work will start: _____	<input type="checkbox"/> ACIDIZE	<input type="checkbox"/> DEEPEN	<input type="checkbox"/> REPERFORATE CURRENT FORMATION
	<input type="checkbox"/> ALTER CASING	<input type="checkbox"/> FRACTURE TREAT	<input type="checkbox"/> SIDETRACK TO REPAIR WELL
	<input type="checkbox"/> CASING REPAIR	<input type="checkbox"/> NEW CONSTRUCTION	<input type="checkbox"/> TEMPORARILY ABANDON
	<input type="checkbox"/> CHANGE TO PREVIOUS PLANS	<input type="checkbox"/> OPERATOR CHANGE	<input type="checkbox"/> TUBING REPAIR
	<input type="checkbox"/> CHANGE TUBING	<input type="checkbox"/> PLUG AND ABANDON	<input type="checkbox"/> VENT OR FLARE
<input checked="" type="checkbox"/> SUBSEQUENT REPORT (Submit Original Form Only) Date of work completion: 11/17/2007	<input type="checkbox"/> CHANGE WELL NAME	<input type="checkbox"/> PLUG BACK	<input type="checkbox"/> WATER DISPOSAL
	<input type="checkbox"/> CHANGE WELL STATUS	<input type="checkbox"/> PRODUCTION (START/RESUME)	<input type="checkbox"/> WATER SHUT-OFF
	<input type="checkbox"/> COMMINGLE PRODUCING FORMATIONS	<input type="checkbox"/> RECLAMATION OF WELL SITE	<input checked="" type="checkbox"/> OTHER: 1ST DELIVERY
	<input type="checkbox"/> CONVERT WELL TYPE	<input type="checkbox"/> RECOMPLETE - DIFFERENT FORMATION	

12. DESCRIBE PROPOSED OR COMPLETED OPERATIONS. Clearly show all pertinent details including dates, depths, volumes, etc.  
XTO Energy Inc. first delivered this well on 11/17/2007 through the Hill Creek CDP. Initial Flow Rate: 1400 MCFPD.

NAME (PLEASE PRINT) <u>HOLLY C. PERKINS</u>	TITLE <u>REGULATORY COMPLIANCE TECH</u>
SIGNATURE <u>Holly C. Perkins</u>	DATE <u>12/5/2007</u>

(This space for State use only)

**RECEIVED**  
**DEC 13 2007**  
DIV. OF OIL, GAS & MINING

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

AMENDED REPORT  FORM 8  
(highlight changes)

5. LEASE DESIGNATION AND SERIAL NUMBER:  
**U-29784**

6. IF INDIAN, ALLOTTEE OR TRIBE NAME

**WELL COMPLETION OR RECOMPLETION REPORT AND LOG**

7. UNIT or CA AGREEMENT NAME  
**HILL CREEK UNIT**

8. WELL NAME and NUMBER:  
**HCU 12-27F**

9. API NUMBER:  
**4304737424**

10. FIELD AND POOL, OR WLD CAT  
**WSTCH/MV**

11. QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN:  
**NESW 28 10S 20E**  
**27**

12. COUNTY  
**UINTAH**

13. STATE  
**UTAH**

1a. TYPE OF WELL: OIL WELL  GAS WELL  DRY  OTHER \_\_\_\_\_

b. TYPE OF WORK: NEW WELL  HORIZ. LATS  DEEP-EN  RE-ENTRY  DIFF. RESVR.  OTHER \_\_\_\_\_

2. NAME OF OPERATOR:  
**XTO Energy Inc.**

3. ADDRESS OF OPERATOR: **382 CR 3100** CITY **AZTEC** STATE **NM** ZIP **87410** PHONE NUMBER: **(505) 333-3100**

4. LOCATION OF WELL (FOOTAGES)  
AT SURFACE: **1607' FSL & 1885' FWL**  
AT TOP PRODUCING INTERVAL REPORTED BELOW:  
AT TOTAL DEPTH: **1980' FSL & 660' FWL**  
**565**  
**per DKD**

14. DATE SPUDED: **7/19/2007** 15. DATE T.D. REACHED: **8/27/2007** 16. DATE COMPLETED: **11/22/2007** ABANDONED  READY TO PRODUCE

17. ELEVATIONS (DF, RKB, RT, GL):  
**5170' GL**

18. TOTAL DEPTH: MD **8,343** 19. PLUG BACK T.D.: MD **8,285** 20. IF MULTIPLE COMPLETIONS, HOW MANY? \*  
TVD **7987** TVD **7929**

21. DEPTH BRIDGE MD PLUG SET: TVD

22. TYPE ELECTRIC AND OTHER MECHANICAL LOGS RUN (Submit copy of each)  
**PLATFORM EXPRESS W/DIRECTIONAL SURVEY & CAL.**  
**HRLA, TOLD CN, CVL.**

23. WAS WELL CORED? NO  YES  (Submit analysis)  
WAS DST RUN? NO  YES  (Submit report)  
DIRECTIONAL SURVEY? NO  YES  (Submit copy)

24. CASING AND LINER RECORD (Report all strings set in well)

HOLE SIZE	SIZE/GRADE	WEIGHT (#/ft.)	TOP (MD)	BOTTOM (MD)	STAGE CEMENTER DEPTH	CEMENT TYPE & NO. OF SACKS	SLURRY VOLUME (BBL)	CEMENT TOP **	AMOUNT PULLED
17 1/2"	13 3/4 H40	48#	0	515		G 500	0	SURF	0
12 1/4"	9 5/8 J55	36#	0	880		G 880	0	SURF	0
7 1/2"	5 1/2 I100	17#	0	8,333		RL 710	0	SURF	0

25. TUBING RECORD

SIZE	DEPTH SET (MD)	PACKER SET (MD)	SIZE	DEPTH SET (MD)	PACKER SET (MD)	SIZE	DEPTH SET (MD)	PACKER SET (MD)
2 3/8	7,956							

26. PRODUCING INTERVALS

FORMATION NAME	TOP (MD)	BOTTOM (MD)	TOP (TVD)	BOTTOM (TVD)	INTERVAL (Top/Bot - MD)	SIZE	NO. HOLES	PERFORATION STATUS
(A) WSTCH/MV	7,076	8,070			7,076 8,070	0.35	108	Open <input checked="" type="checkbox"/> Squeezed <input type="checkbox"/>
(B)								Open <input type="checkbox"/> Squeezed <input type="checkbox"/>
(C)								Open <input type="checkbox"/> Squeezed <input type="checkbox"/>
(D)								Open <input type="checkbox"/> Squeezed <input type="checkbox"/>

27. PERFORATION RECORD

DEPTH INTERVAL	AMOUNT AND TYPE OF MATERIAL
7076' - 8070'	Acidized with 30Q N2 foamed XL Fluid gel with 308,097 gals 2% KCl water, 286,647# 20/40 SB sand and 150,800# 20/40 Jordan sand.

28. ACID, FRACTURE, TREATMENT, CEMENT SQUEEZE, ETC.

29. ENCLOSED ATTACHMENTS:  
 ELECTRICAL/MECHANICAL LOGS  GEOLOGIC REPORT  DST REPORT  DIRECTIONAL SURVEY  
 SUNDRY NOTICE FOR PLUGGING AND CEMENT VERIFICATION  CORE ANALYSIS  OTHER: \_\_\_\_\_

30. WELL STATUS:

**RECEIVED**

**JAN 09 2008**

31. INITIAL PRODUCTION

INTERVAL A (As shown in item #26)

DATE FIRST PRODUCED: 11/16/2007	TEST DATE: 11/21/2007	HOURS TESTED: 24	TEST PRODUCTION RATES: →	OIL - BBL: 0	GAS - MCF: 1,331	WATER - BBL: 424	PROD. METHOD: F
CHOKE SIZE: 17/64	TBG. PRESS: 0	CSG. PRESS: 650	API GRAVITY: 0.63	BTU - GAS: 1,086	GAS/OIL RATIO	24 HR PRODUCTION RATES: →	INTERVAL STATUS: P

INTERVAL B (As shown in item #26)

DATE FIRST PRODUCED:	TEST DATE:	HOURS TESTED:	TEST PRODUCTION RATES: →	OIL - BBL:	GAS - MCF:	WATER - BBL:	PROD. METHOD:
CHOKE SIZE:	TBG. PRESS:	CSG. PRESS:	API GRAVITY:	BTU - GAS:	GAS/OIL RATIO:	24 HR PRODUCTION RATES: →	INTERVAL STATUS:

INTERVAL C (As shown in item #26)

DATE FIRST PRODUCED:	TEST DATE:	HOURS TESTED:	TEST PRODUCTION RATES: →	OIL - BBL:	GAS - MCF:	WATER - BBL:	PROD. METHOD:
CHOKE SIZE:	TBG. PRESS:	CSG. PRESS:	API GRAVITY:	BTU - GAS:	GAS/OIL RATIO:	24 HR PRODUCTION RATES: →	INTERVAL STATUS:

INTERVAL D (As shown in item #26)

DATE FIRST PRODUCED:	TEST DATE:	HOURS TESTED:	TEST PRODUCTION RATES: →	OIL - BBL:	GAS - MCF:	WATER - BBL:	PROD. METHOD:
CHOKE SIZE:	TBG. PRESS:	CSG. PRESS:	API GRAVITY:	BTU - GAS:	GAS/OIL RATIO:	24 HR PRODUCTION RATES: →	INTERVAL STATUS:

32. DISPOSITION OF GAS (Sold, Used for Fuel, Vented, Etc.)

TO BE SOLD

33. SUMMARY OF POROUS ZONES (Include Aquifers):

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

34. FORMATION (Log) MARKERS:

Formation	Top (MD)	Bottom (MD)	Descriptions, Contents, etc.	Name	Top (Measured Depth)
				WASATCH TONGUE	4.184
				UTELAND LIMESTONE	4.532
				WASATCH	4.666
				CHAPITAL WELLS	5.476
				UTELAND BUTTE	6.727
				MESAVERDE	7.551

35. ADDITIONAL REMARKS (Include plugging procedure)

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

NAME (PLEASE PRINT) HOLLY C. PERKINS TITLE REGULATORY COMPLIANCE TECH  
 SIGNATURE *Holly C. Perkins* DATE 1/4/2008

This report must be submitted within 30 days of

- completing or plugging a new well
- drilling horizontal laterals from an existing well bore
- recompleting to a different producing formation
- reentering a previously plugged and abandoned well
- significantly deepening an existing well bore below the previous bottom-hole depth
- drilling hydrocarbon exploratory holes, such as core samples and stratigraphic tests

\* ITEM 20: Show the number of completions if production is measured separately from two or more formations.

\*\* ITEM 24: Cement Top - Show how reported top(s) of cement were determined (circulated (CIR), calculated (CAL), cement bond log (CBL), temperature survey (TS)).

Send to: Utah Division of Oil, Gas and Mining Phone: 801-538-5340  
 1594 West North Temple, Suite 1210  
 Box 145801 Fax: 801-359-3940  
 Salt Lake City, Utah 84114-5801



Job Number: ML07401  
 Company: Dominion E&P  
 Lease/Well: HCU #12-27F  
 Location: Uintah County  
 Rig Name: Frontier #2  
 RKB: □  
 G.L. or M.S.L.: []

State/Country: Utah / USA  
 Declination: 10.42  
 Grid: □  
 File name: C:\WINSERVE\ML07401.SVY  
 Date/Time: 20-Aug-07 / 02:16  
 Curve Name: ML07401

**Strata Directional**

WINSERVE SURVEY CALCULATIONS  
 Minimum Curvature Method  
 Vertical Section Plane 286.86  
 Vertical Section Referenced to Wellhead  
 Rectangular Coordinates Referenced to Wellhead

Measured Depth FT	Incl Angle Deg	Drift Direction Deg	True Vertical Depth	N-S FT	E-W FT	Vertical Section FT	CLOSURE Distance FT	Direction Deg	Dogleg Severity Deg/100
<b>Tie-In to Surface</b>									
.00	.00	.00	.00	.00	.00	.00	.00	.00	.00
592.00	.20	149.00	592.00	-.89	.53	-.77	1.03	149.00	.03
<b>Begin Build Section</b>									
622.00	.80	285.00	622.00	-.88	.36	-.60	.95	157.84	3.18
653.00	1.90	283.10	652.99	-.70	-.35	.13	.79	206.62	3.55
684.00	3.00	280.00	683.96	-.45	-1.65	1.45	1.71	254.88	3.57
714.00	4.60	286.10	713.89	.02	-3.58	3.43	3.58	270.38	5.49
745.00	6.20	287.90	744.75	.88	-6.37	6.35	6.43	277.89	5.19
776.00	7.40	289.00	775.54	2.05	-9.85	10.02	10.06	281.74	3.89
806.00	8.40	289.60	805.25	3.41	-13.74	14.14	14.16	283.94	3.34
837.00	9.00	288.60	835.89	4.94	-18.17	18.82	18.83	285.22	2.00
868.00	10.10	288.80	866.46	6.59	-23.04	23.97	23.97	285.97	3.55
899.00	11.10	289.20	896.93	8.45	-28.43	29.66	29.66	286.55	3.23
929.00	12.40	286.30	926.31	10.30	-34.25	35.77	35.77	286.74	4.76
967.00	13.20	286.80	963.36	12.70	-42.32	44.19	44.19	286.71	2.13
991.00	13.90	288.20	986.69	14.40	-47.69	49.81	49.81	286.80	3.22
1022.00	14.70	286.90	1016.73	16.70	-54.99	57.47	57.47	286.90	2.78
1053.00	15.60	285.80	1046.65	18.98	-62.76	65.57	65.57	286.83	3.05
1083.00	16.30	282.50	1075.50	20.99	-70.75	73.80	73.80	286.52	3.82
1115.00	17.20	283.10	1106.14	23.04	-79.74	83.00	83.00	286.11	2.86
1147.00	18.30	281.80	1136.62	25.14	-89.27	92.72	92.74	285.73	3.65
1178.00	19.00	280.80	1165.99	27.08	-98.99	102.59	102.63	285.30	2.48
1210.00	19.80	279.80	1196.17	28.97	-109.45	113.15	113.22	284.83	2.71

Measured Depth FT	Incl Angle Deg	Drift Direction Deg	True Vertical Depth	N-S FT	E-W FT	Vertical Section FT	C L O S U R E		Dogleg Severity Deg/100
							Distance FT	Direction Deg	
1241.00	20.00	278.80	1225.32	30.68	-119.86	123.61	123.73	284.36	1.27
1273.00	20.80	278.60	1255.32	32.37	-130.89	134.65	134.83	283.89	2.51
1305.00	22.00	279.20	1285.11	34.17	-142.42	146.21	146.47	283.49	3.81
1336.00	23.00	280.40	1313.75	36.20	-154.11	157.99	158.31	283.22	3.55
1368.00	24.40	281.60	1343.05	38.65	-166.74	170.78	171.16	283.05	4.63
1400.00	25.50	281.80	1372.06	41.39	-179.95	184.22	184.65	282.95	3.45
1431.00	26.30	283.70	1399.95	44.38	-193.16	197.73	198.19	282.94	3.72
1463.00	26.60	285.50	1428.60	47.98	-206.95	211.97	212.44	283.05	2.68
1495.00	27.00	286.70	1457.16	51.98	-220.81	226.40	226.85	283.25	2.10
1526.00	27.70	287.20	1484.70	56.13	-234.43	240.64	241.06	283.46	2.38
1558.00	29.10	287.90	1512.85	60.72	-248.94	255.86	256.24	283.71	4.50
1590.00	30.20	287.60	1540.66	65.55	-264.02	271.68	272.04	283.94	3.47
1621.00	30.20	288.00	1567.45	70.31	-278.87	287.28	287.60	284.15	.65
<b>Begin Hold Section</b>									
1653.00	30.70	288.00	1595.03	75.33	-294.29	303.49	303.78	284.36	1.56
1716.00	31.90	288.40	1648.86	85.55	-325.38	336.21	336.44	284.73	1.93
1780.00	34.20	287.70	1702.50	96.36	-358.57	371.10	371.29	285.04	3.64
1843.00	33.60	286.10	1754.80	106.58	-392.18	406.24	406.41	285.20	1.71
1907.00	34.10	284.20	1807.95	115.89	-426.59	441.87	442.05	285.20	1.83
1968.00	34.60	287.20	1858.32	125.20	-459.72	476.27	476.46	285.24	2.89
2033.00	35.00	289.00	1911.69	136.73	-494.97	513.35	513.51	285.44	1.70
2096.00	34.30	286.60	1963.52	147.68	-529.07	549.16	549.30	285.60	2.43
2160.00	33.90	284.20	2016.52	157.22	-563.65	585.02	585.17	285.58	2.19
2222.00	33.80	285.50	2068.01	166.07	-597.04	619.54	619.70	285.54	1.18
2285.00	33.00	286.50	2120.60	175.62	-630.37	654.21	654.38	285.57	1.54
2349.00	31.70	290.70	2174.68	186.52	-662.82	688.42	688.56	285.72	4.06
2413.00	31.10	290.90	2229.30	198.36	-693.99	721.69	721.78	285.95	.95
2476.00	31.50	288.40	2283.14	209.36	-724.81	754.37	754.44	286.11	2.16
2539.00	30.30	289.40	2337.20	219.83	-755.42	786.70	786.75	286.23	2.07
2603.00	29.30	293.30	2392.74	231.39	-785.03	818.40	818.42	286.42	3.41
2666.00	29.80	296.80	2447.55	244.55	-813.17	849.14	849.14	286.74	2.85
2730.00	30.60	298.00	2502.86	259.37	-841.74	880.79	880.80	287.13	1.57
2793.00	32.60	301.80	2556.52	275.84	-870.33	912.92	913.00	287.59	4.48
<b>Begin Drop Section</b>									
2857.00	36.10	301.90	2609.35	294.89	-901.00	947.80	948.03	288.12	5.47
2921.00	38.00	298.50	2660.43	314.26	-934.33	985.31	985.76	288.59	4.36
2953.00	37.80	298.40	2685.68	323.63	-951.61	1004.57	1005.13	288.78	.65
2984.00	36.70	297.00	2710.36	332.35	-968.22	1023.00	1023.67	288.95	4.48
3016.00	36.00	295.70	2736.13	340.77	-985.22	1041.70	1042.48	289.08	3.25
3047.00	35.40	293.30	2761.31	348.27	-1001.67	1059.63	1060.49	289.17	4.91
3078.00	34.50	291.30	2786.72	355.01	-1018.10	1077.30	1078.22	289.22	4.70
3110.00	33.80	288.80	2813.20	361.17	-1034.97	1095.24	1096.18	289.24	4.90
3142.00	33.00	286.20	2839.92	366.47	-1051.77	1112.85	1113.78	289.21	5.12
3174.00	31.10	281.10	2867.05	370.50	-1068.25	1129.79	1130.67	289.13	10.33
3205.00	29.80	279.90	2893.77	373.36	-1083.69	1145.40	1146.21	289.01	4.63

Measured Depth FT	Incl Angle Deg	Drift Direction Deg	True Vertical Depth			Vertical Section FT	C L O S U R E		Dogleg Severity Deg/100
				N-S FT	E-W FT		Distance FT	Direction Deg	
3237.00	28.80	277.60	2921.68	375.75	-1099.17	1160.90	1161.62	288.87	4.70
3268.00	28.30	274.80	2948.91	377.35	-1113.89	1175.46	1176.08	288.71	4.61
3300.00	27.70	272.80	2977.16	378.35	-1128.88	1190.09	1190.60	288.53	3.48
3331.00	26.90	269.80	3004.71	378.68	-1143.09	1203.79	1204.18	288.33	5.13
3363.00	25.90	265.70	3033.38	378.13	-1157.30	1217.23	1217.51	288.09	6.50
3395.00	25.40	265.20	3062.22	377.03	-1171.11	1230.12	1230.30	287.85	1.70
3426.00	24.40	263.40	3090.34	375.74	-1184.10	1242.18	1242.28	287.61	4.05
3459.00	22.90	263.00	3120.57	374.17	-1197.24	1254.30	1254.35	287.36	4.57
3490.00	21.50	262.80	3149.27	372.73	-1208.86	1265.00	1265.02	287.14	4.52
3521.00	20.00	260.20	3178.26	371.11	-1219.72	1274.93	1274.93	286.92	5.68
3554.00	19.50	259.20	3209.32	369.12	-1230.70	1284.85	1284.86	286.70	1.83
3585.00	19.40	258.70	3238.55	367.14	-1240.83	1293.97	1294.00	286.48	.63
3616.00	18.10	257.80	3267.90	365.11	-1250.58	1302.72	1302.79	286.28	4.30
3649.00	16.50	255.70	3299.41	362.87	-1260.13	1311.21	1311.34	286.06	5.20
3681.00	14.50	254.40	3330.24	360.67	-1268.40	1318.48	1318.68	285.87	6.34
3712.00	13.20	251.40	3360.34	358.50	-1275.49	1324.64	1324.91	285.70	4.79
3744.00	12.50	248.40	3391.54	356.06	-1282.17	1330.33	1330.69	285.52	3.02
3776.00	11.90	248.10	3422.82	353.55	-1288.45	1335.61	1336.08	285.34	1.89
3808.00	10.60	244.80	3454.20	351.07	-1294.18	1340.37	1340.95	285.18	4.53
3838.00	9.50	243.00	3483.74	348.77	-1298.88	1344.21	1344.89	285.03	3.81
3869.00	8.50	239.20	3514.36	346.44	-1303.13	1347.59	1348.39	284.89	3.75
3900.00	7.70	236.40	3545.05	344.11	-1306.83	1350.46	1351.37	284.75	2.88
3932.00	6.70	236.40	3576.80	341.90	-1310.17	1353.01	1354.04	284.63	3.13
3964.00	5.70	230.60	3608.61	339.85	-1312.95	1355.08	1356.22	284.51	3.68
3995.00	4.50	226.40	3639.49	338.04	-1315.02	1356.54	1357.77	284.42	4.05
4026.00	3.60	222.90	3670.41	336.49	-1316.56	1357.56	1358.88	284.34	3.01
4059.00	2.90	225.30	3703.36	335.14	-1317.86	1358.42	1359.81	284.27	2.16
<b>Straight Line Projection to the Bit</b>									
4114.00	2.90	225.30	3758.29	333.18	-1319.84	1359.74	1361.24	284.17	.00

<b>STATE OF UTAH</b> DEPARTMENT OF NATURAL RESOURCES DIVISION OF OIL, GAS, AND MINING	<b>FORM 9</b>  <b>5. LEASE DESIGNATION AND SERIAL NUMBER:</b> U-29784
<b>SUNDRY NOTICES AND REPORTS ON WELLS</b>  Do not use this form for proposals to drill new wells, significantly deepen existing wells below current bottom-hole depth, reenter plugged wells, or to drill horizontal laterals. Use APPLICATION FOR PERMIT TO DRILL form for such proposals.	<b>6. IF INDIAN, ALLOTTEE OR TRIBE NAME:</b> UTE  <b>7. UNIT or CA AGREEMENT NAME:</b> HILL CREEK
<b>1. TYPE OF WELL</b> Oil Well	<b>8. WELL NAME and NUMBER:</b> HCU 12-27F
<b>2. NAME OF OPERATOR:</b> XTO ENERGY INC	<b>9. API NUMBER:</b> 43047374240000
<b>3. ADDRESS OF OPERATOR:</b> 382 Road 3100 , Aztec, NM, 87410	<b>PHONE NUMBER:</b> 505 333-3159 Ext
<b>4. LOCATION OF WELL FOOTAGES AT SURFACE:</b> 1607 FSL 1885 FWL <b>QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN:</b> Qtr/Qtr: NESW Section: 27 Township: 10.0S Range: 20.0E Meridian: S	<b>9. FIELD and POOL or WILDCAT:</b> NATURAL BUTTES  <b>COUNTY:</b> UINTAH  <b>STATE:</b> UTAH

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

TYPE OF SUBMISSION	TYPE OF ACTION		
<input type="checkbox"/> NOTICE OF INTENT Approximate date work will start:	<input type="checkbox"/> ACIDIZE	<input type="checkbox"/> ALTER CASING	<input type="checkbox"/> CASING REPAIR
<input checked="" type="checkbox"/> SUBSEQUENT REPORT Date of Work Completion: 4/27/2010	<input type="checkbox"/> CHANGE TO PREVIOUS PLANS	<input type="checkbox"/> CHANGE TUBING	<input type="checkbox"/> CHANGE WELL NAME
<input type="checkbox"/> SPUD REPORT Date of Spud:	<input type="checkbox"/> CHANGE WELL STATUS	<input type="checkbox"/> COMMINGLE PRODUCING FORMATIONS	<input type="checkbox"/> CONVERT WELL TYPE
<input type="checkbox"/> DRILLING REPORT Report Date:	<input type="checkbox"/> DEEPEN	<input type="checkbox"/> FRACTURE TREAT	<input type="checkbox"/> NEW CONSTRUCTION
	<input type="checkbox"/> OPERATOR CHANGE	<input type="checkbox"/> PLUG AND ABANDON	<input type="checkbox"/> PLUG BACK
	<input type="checkbox"/> PRODUCTION START OR RESUME	<input type="checkbox"/> RECLAMATION OF WELL SITE	<input type="checkbox"/> RECOMPLETE DIFFERENT FORMATION
	<input type="checkbox"/> REPERFORATE CURRENT FORMATION	<input type="checkbox"/> SIDETRACK TO REPAIR WELL	<input type="checkbox"/> TEMPORARY ABANDON
	<input type="checkbox"/> TUBING REPAIR	<input type="checkbox"/> VENT OR FLARE	<input type="checkbox"/> WATER DISPOSAL
	<input type="checkbox"/> WATER SHUTOFF	<input type="checkbox"/> SI TA STATUS EXTENSION	<input type="checkbox"/> APD EXTENSION
	<input type="checkbox"/> WILDCAT WELL DETERMINATION	<input checked="" type="checkbox"/> OTHER	OTHER: ACID TREATMENT

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

XTO Energy Inc. would like to file this record cleanup for an acid treatment on this well per the following: 4/20/2010: MIRU Production Logging Services PU & RIH w/fishing tls, fished plngr & BHBS from SN @ 7,955'. POH & LD fishing tls. PU & RIH w/1.625" BB & tagged fill @ 8,216' POH & LD 1.625" PU & RIH w/1.908" Tbg broach, broach to SN, no tight spots. POH & LD 1.908" Tbg broach. Left equipment out & SI flowline, RDMO Production Logging Services. 4/27/2010: MIRU Frac Tech. Pumped 250 gal 15% HCL flushed with 31 bbls fresh water w/KCL substitute. SI TBG. Pumped 500 gal 15% HCL followed w/20 bbl flush fresh water. 1 hour soak. Pumped 30 bbl Flush w/fresh water. SI well RDMO Frac Tech.

Accepted by the  
 Utah Division of  
 Oil, Gas and Mining  
**FOR RECORD ONLY**  
 June 21, 2010

<b>NAME (PLEASE PRINT)</b> Barbara Nicol	<b>PHONE NUMBER</b> 505 333-3642	<b>TITLE</b> Regulatory Compliance Tech
<b>SIGNATURE</b> N/A	<b>DATE</b> 6/18/2010	

STATE OF UTAH DEPARTMENT OF NATURAL RESOURCES DIVISION OF OIL, GAS, AND MINING		FORM 9	
		<b>5. LEASE DESIGNATION AND SERIAL NUMBER:</b> U-29784	
<b>SUNDRY NOTICES AND REPORTS ON WELLS</b>		<b>6. IF INDIAN, ALLOTTEE OR TRIBE NAME:</b> UTE	
Do not use this form for proposals to drill new wells, significantly deepen existing wells below current bottom-hole depth, reenter plugged wells, or to drill horizontal laterals. Use APPLICATION FOR PERMIT TO DRILL form for such proposals.		<b>7. UNIT or CA AGREEMENT NAME:</b> HILL CREEK	
<b>1. TYPE OF WELL</b> Oil Well		<b>8. WELL NAME and NUMBER:</b> HCU 12-27F	
<b>2. NAME OF OPERATOR:</b> XTO ENERGY INC		<b>9. API NUMBER:</b> 43047374240000	
<b>3. ADDRESS OF OPERATOR:</b> 382 Road 3100 , Aztec, NM, 87410	<b>PHONE NUMBER:</b> 505 333-3145 Ext	<b>9. FIELD and POOL or WILDCAT:</b> NATURAL BUTTES	
<b>4. LOCATION OF WELL</b> <b>FOOTAGES AT SURFACE:</b> 1607 FSL 1885 FWL <b>QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN:</b> Qtr/Qtr: NESW Section: 27 Township: 10.0S Range: 20.0E Meridian: S		<b>COUNTY:</b> UINTAH	
		<b>STATE:</b> UTAH	
11. CHECK APPROPRIATE BOXES TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA			
TYPE OF SUBMISSION	TYPE OF ACTION		
<input type="checkbox"/> NOTICE OF INTENT Approximate date work will start:  <input checked="" type="checkbox"/> SUBSEQUENT REPORT Date of Work Completion: 12/29/2011  <input type="checkbox"/> SPUD REPORT Date of Spud:  <input type="checkbox"/> DRILLING REPORT Report Date:	<input checked="" type="checkbox"/> ACIDIZE  <input type="checkbox"/> CHANGE TO PREVIOUS PLANS  <input type="checkbox"/> CHANGE WELL STATUS  <input type="checkbox"/> DEEPEN  <input type="checkbox"/> OPERATOR CHANGE  <input type="checkbox"/> PRODUCTION START OR RESUME  <input type="checkbox"/> REPERFORATE CURRENT FORMATION  <input type="checkbox"/> TUBING REPAIR  <input type="checkbox"/> WATER SHUTOFF  <input type="checkbox"/> WILDCAT WELL DETERMINATION	<input type="checkbox"/> ALTER CASING  <input type="checkbox"/> CHANGE TUBING  <input type="checkbox"/> COMMINGLE PRODUCING FORMATIONS  <input type="checkbox"/> FRACTURE TREAT  <input type="checkbox"/> PLUG AND ABANDON  <input type="checkbox"/> RECLAMATION OF WELL SITE  <input type="checkbox"/> SIDETRACK TO REPAIR WELL  <input type="checkbox"/> VENT OR FLARE  <input type="checkbox"/> SI TA STATUS EXTENSION	<input type="checkbox"/> CASING REPAIR  <input type="checkbox"/> CHANGE WELL NAME  <input type="checkbox"/> CONVERT WELL TYPE  <input type="checkbox"/> NEW CONSTRUCTION  <input type="checkbox"/> PLUG BACK  <input type="checkbox"/> RECOMPLETE DIFFERENT FORMATION  <input type="checkbox"/> TEMPORARY ABANDON  <input type="checkbox"/> WATER DISPOSAL  <input type="checkbox"/> APD EXTENSION  OTHER: <input type="text" value="CLEAN OUT"/>
12. DESCRIBE PROPOSED OR COMPLETED OPERATIONS. Clearly show all pertinent details including dates, depths, volumes, etc.			
<p>XTO Energy Inc. has cleaned out &amp; acidized this well per the attached summary report.</p> <div style="text-align: right;"> <p><b>Accepted by the Utah Division of Oil, Gas and Mining FOR RECORD ONLY January 27, 2012</b></p> </div>			
<b>NAME (PLEASE PRINT)</b> Barbara Nicol	<b>PHONE NUMBER</b> 505 333-3642	<b>TITLE</b> Regulatory Compliance Tech	
<b>SIGNATURE</b> N/A	<b>DATE</b> 1/27/2012		

## Hill Creek Unit 12-27F

**12/15/2011:** MIRU. TOH w/2-3/8" tbg.

**12/16/2011:** Cont TOH w/ 2-3/8". Tbg showed hvy external sc BU fr/5,700' - 6,370' & lt external sc BU fr/6,370' - EOT @ 7,956'. PU & TIH w/4-3/4" bit, 5-1/2" csg scr & 2-3/8" tbg. Tgd sc bridge @ 5,655'.

**12/19/2011:** CO 55' sc bridge fr/5,655' - 5,710' & fell free. Cont TIH w/ 2-3/8" tbg, tgd sc bridge @ 8,195'. CO sc bridge fr/8,195' - 8,220' & 43' fill fr/8,220' - 8,263'. TOH w/ 2-3/8" tbg.

**12/20/2011:** TOH w/2-3/8" tbg, 5-1/2" csg scr & 4-3/4" bit. TIH w/5-1/2" RBP & 5-1/2" PKR & 2-3/8" tbg.

**12/21/2011:** Isolate & acidize 7 stages w/ 10% HCl Ac, 50 gals S-262 sc inhib, 10 gals AS-290 Anti sludge, 8 gals AL-150 ac inhibitor, 8 gals CL-86 corr inhib, 2 gals Feno iron control, follow w/Nalco EC9021A H2s scavenger 5 g/196 bbl:

Stg #1. Isolate perfs @ 8,069' - 8,217' & Acidize w/287 gls 10% HCl Ac. Flsd w/33 bbls TFW.  
Stg #2. Isolate perfs @ 7,863' - 8,026' & Acidize w/243 gls 10% HCl Ac. Flsd w/32 bbls TFW.  
Stg #3. Isolate perfs @ 7,592' - 7,598 & Acidize w/132 gls 10% HCl Ac. Flsd w/31 bbls TFW  
Stg #4. Isolate perfs @ 7,076' - 7,082' & Acidize w/132 gls 10% HCl Ac. Flsd w/29 bbls TFW.  
Stg #5. Isolate perfs @ 6,626' - 6,632' & Acidize w/287 gls 10% HCl Ac. Flsd w/27 bbls TFW.  
Stg #6. Isolate perfs @ 5,628' - 5,634' & Acidize w/287 gls 10% HCl Ac. Flsd w/23 bbls TFW.  
Stg #7. Isolate perfs @ 5,014' - 5,416' & Acidize w/132 gls 10% HCl Ac. Fish w/21 bbls TFW.

TOH w/2-3/8" tbg.

**12/22/2011:** Cont TOH w/2-3/8" tbg, 5-1/2" PKR & 5-1/2" RBP. TIH w/2-3/8" mule shoe col, 2-3/8" SN & 248 jts 2-3/8" tbg. EOT @ 8,204'. RIH w/swb tls. BFL @ 5,700' FS. S, 0 BO, 39 BLW, 7 runs, 3-1/2 hrs. FFL @ 5,300' FS. SICP 500 psig. SWIFPBU & SDFN.

**12/23/2011:** Cont swbg. 9 runs, 5 hrs. FFL @ 5,700' FS.

**12/29/2011:** Cont swbg. 5 runs, 2-1/2 hrs. FFL @ 6,300' FS. TOH LD w/18 jts 2-3/8" 4.7#, L-80, EUE, 8rd tbg. EOT @ 7,621'. Ld tbg on hgr. Cont swbg. BFL @ 6,100' FS. S, 0 BO, 16 BLW, 4 runs, 2 hrs. FFL @ 6,300' FS. Well KO. Flw well to tst tk. Recd 3 to 4 BLW per hr. Flwd well for 2 hrs. SWIFPBU. RDMO.

=====Hill Creek Unit 12-27F=====

<b>STATE OF UTAH</b> DEPARTMENT OF NATURAL RESOURCES DIVISION OF OIL, GAS, AND MINING		<b>FORM 9</b>
<b>SUNDRY NOTICES AND REPORTS ON WELLS</b>  Do not use this form for proposals to drill new wells, significantly deepen existing wells below current bottom-hole depth, reenter plugged wells, or to drill horizontal laterals. Use APPLICATION FOR PERMIT TO DRILL form for such proposals.		<b>5. LEASE DESIGNATION AND SERIAL NUMBER:</b> U-29784
<b>1. TYPE OF WELL</b> Oil Well		<b>6. IF INDIAN, ALLOTTEE OR TRIBE NAME:</b> UTE
<b>2. NAME OF OPERATOR:</b> XTO ENERGY INC		<b>7. UNIT or CA AGREEMENT NAME:</b> HILL CREEK
<b>3. ADDRESS OF OPERATOR:</b> PO Box 6501 , Englewood, CO, 80155		<b>8. WELL NAME and NUMBER:</b> HCU 12-27F
<b>4. LOCATION OF WELL</b> <b>FOOTAGES AT SURFACE:</b> 1607 FSL 1885 FWL <b>QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN:</b> Qtr/Qtr: NESW Section: 27 Township: 10.0S Range: 20.0E Meridian: S		<b>9. API NUMBER:</b> 43047374240000
<b>PHONE NUMBER:</b> 303 397-3727 Ext		<b>9. FIELD and POOL or WILDCAT:</b> NATURAL BUTTES
<b>COUNTY:</b> UINTAH		<b>STATE:</b> UTAH
11. CHECK APPROPRIATE BOXES TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA		
<b>TYPE OF SUBMISSION</b>	<b>TYPE OF ACTION</b>	
<input type="checkbox"/> NOTICE OF INTENT Approximate date work will start:	<input checked="" type="checkbox"/> ACIDIZE	
<input checked="" type="checkbox"/> SUBSEQUENT REPORT Date of Work Completion: 5/19/2016	<input type="checkbox"/> ALTER CASING	
<input type="checkbox"/> SPUD REPORT Date of Spud:	<input type="checkbox"/> CASING REPAIR	
<input type="checkbox"/> DRILLING REPORT Report Date:	<input type="checkbox"/> CHANGE TO PREVIOUS PLANS	
	<input type="checkbox"/> CHANGE TUBING	
	<input type="checkbox"/> CHANGE WELL STATUS	
	<input type="checkbox"/> COMMINGLE PRODUCING FORMATIONS	
	<input type="checkbox"/> CONVERT WELL TYPE	
	<input type="checkbox"/> DEEPEN	
	<input type="checkbox"/> FRACTURE TREAT	
	<input type="checkbox"/> NEW CONSTRUCTION	
	<input type="checkbox"/> OPERATOR CHANGE	
	<input type="checkbox"/> PLUG AND ABANDON	
	<input type="checkbox"/> PLUG BACK	
	<input type="checkbox"/> PRODUCTION START 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"/> WILDCAT WELL DETERMINATION	
	<input type="checkbox"/> OTHER: <input style="width: 100px;" type="text"/>	
12. DESCRIBE PROPOSED OR COMPLETED OPERATIONS. Clearly show all pertinent details including dates, depths, volumes, etc. XTO Energy Inc. performed an Acid Treatment on this well per the following: 05/06/16: MIRU SLU. RDMO SLU. Left PL equip out of hole, will pump ac job 5/17/16. 05/17/16: MIRU acid equipment. Ppd 750 gal's 15% HCL ac with add's, ppd 15 gal's multi sweet, flsh w/20 bbl's TFW dn csg. Ppd 250 gal's 15% HCL ac w/add's, ppd15 gal's multi sweet Flsh w/20 bbl's TFW dn tbg. RDMO acid equipment & wtr truck. 05/18/16: MIRU SWU. RIH w/swb tl's. 05/19/16: Cycle plunger to surf & RWTP. RDMO SWU.		
<b>Accepted by the          Utah Division of          Oil, Gas and Mining          FOR RECORD ONLY          June 02, 2016</b>		
<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> 6/2/2016	