



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

September 10, 2004

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

RE: Application for Permit to Drill—Dominion Exploration & Production, Inc.  
HCU 9-31F, *Surface Location:* 1,799' FSL, 2,167' FEL, NW/4 SE/4,  
*Target Location:* 1,800' FSL, 900' FEL, NE/4 SE/4,  
Section 31, 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 directional well. Included with the APD is the following supplemental information:

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

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

Exhibit "C" - Production site layout;

Exhibit "D" - Drilling Plan with Directional Drilling Proposal;

Exhibit "E" - Surface Use Plan;

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

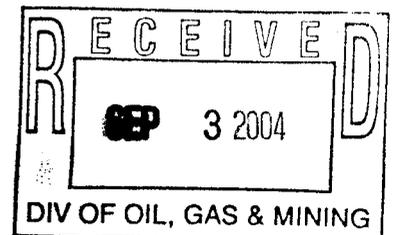
Please accept this letter as Dominion's, written request for confidential treatment of all information contained in and pertaining to this application.

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

Sincerely,

*Don Hamilton*  
Don Hamilton  
Agent for Dominion

cc: Diana Whitney, Division of Oil, Gas and Mining  
Amanda Mart, Bureau of Indian Affairs  
Carla Christian, Dominion  
Marty Buys, Buys & Associates, Inc.



**FILE COPY**

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001

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENT

5. LEASE DESIGNATION AND SERIAL NO.

U-30693

APPLICATION FOR PERMIT TO DRILL OR DEEPEN

6. IF INDIAN, ALLOTTEE OR TRIBE NAME

Ute Indian Tribe

1a. TYPE OF WORK

DRILL  DEEPEN

7. UNIT AGREEMENT NAME

Hill Creek Unit

b. TYPE OF WELL

OIL WELL  GAS WELL  OTHER

SINGLE ZONE  MULTIPLE ZONE

8. FARM OR LEASE NAME, WELL NO.

HCU 9-31F

2. NAME OF OPERATOR

Dominion Exploration & Production, Inc.

9. API WELL NO.

43-047-35936

3. ADDRESS AND TELEPHONE NO.

1400 Quail Springs Parkway, Suite 600, Oklahoma City, OK 73134, 405-749-5263

10. FIELD AND POOL, OR WILDCAT

Natural Buttes

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

At surface 1,799' FSL, 2,167' FEL NW/4 SE/4  
At proposed prod. zone 1,800' FSL, 900' FEL NE/4 SE/4

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

Section 31, T10S. R20E. S1B&M

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

13.01 miles southeast of Ouray, Utah

12. COUNTY OR PARISH

Uintah

13. STATE

Utah

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

1,799'

16. NO. OF ACRES IN LEASE

1,323.35

17. NO. OF ACRES ASSIGNED TO THIS WELL

40 acres

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

25'

19. PROPOSED DEPTH

8,300'

20. ROTARY OR CABLE TOOLS

Rotary

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

5,319' GR

22. APPROX. DATE WORK WILL START\*

January 20, 2005

23. PROPOSED CASING AND CEMENTING PROGRAM

SIZE OF HOLE	GRADE, SIZE OF CASING	WEIGHT PER FOOT	SETTING DEPTH	QUANTITY OF CEMENT
17-1/2"	13-3/8" H-40 ST&C	48#	500'	450 sks "C" Cement with additives (see Drilling Plan)
12-1/4"	9-5/8" J-55 LT&C	36#	2,800'	300 sacks Lead and 390 sacks Tail (see Drilling Plan)
7-7/8"	5-1/2" Mav-80 LT&C	17#	8,300'	90 sacks Lead and 600 sacks Tail (see Drilling Plan)

Bond Information:

Bond coverage is provided by Travelers Casualty and Surety Company of America, Bond # 768-63850-0330

Other Information:

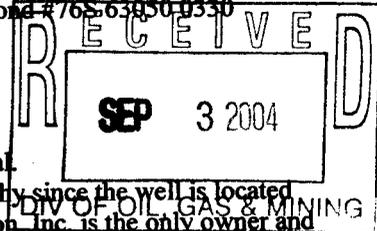
Drilling Plan and Surface Use Plan are attached.

Dominion requests that this complete application for permit to drill be held confidential.

A request for exception to spacing (R649-3-11) 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:

Surf 610698X 39.90145  
4417412Y -109.70507 BHL 611084X 39.90141  
4417413Y -109.70056

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

24.

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

(This space for Federal or State office use)

PERMIT NO. 43-047-35936 APPROVAL DATE \_\_\_\_\_

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

APPROVED BY \_\_\_\_\_ Federal Approval of this Application is Necessary

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

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

\*See Instructions On Reverse Side

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

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

DOMINION EXPLR. & PROD., INC.

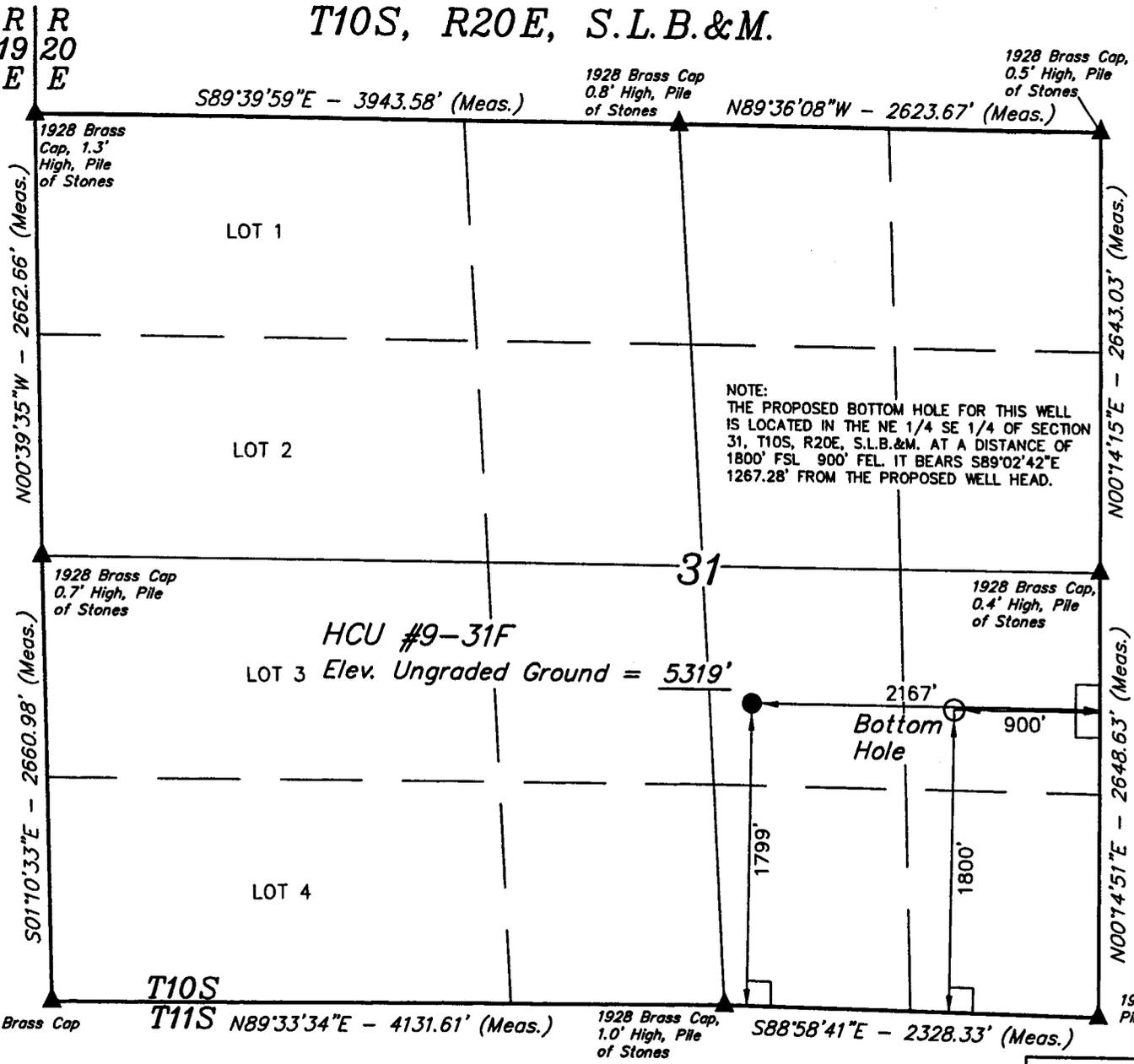
Well location, HCU #9-31F, located as shown in the NW 1/4 SE 1/4 of Section 31, T10S, R20E, S.L.B.&M. Uintah County, Utah.

**BASIS OF ELEVATION**

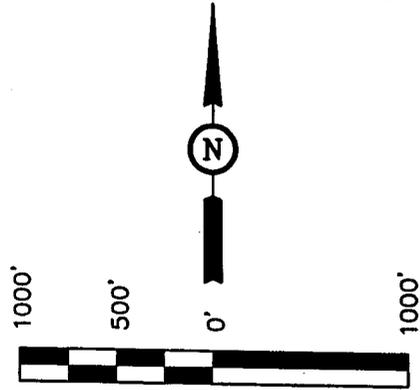
SPOT ELEVATION AT THE NORTHWEST CORNER OF SECTION 29, T10S, R20E, S.L.B.&M. TAKEN FROM THE BIG PACK MTN. NW QUADRANGLE, UTAH, UINTAH COUNTY 7.5 MINUTE QUAD. (TOPOGRAPHIC MAP) PUBLISHED BY THE UNITED STATES DEPARTMENT OF THE INTERIOR, GEOLOGICAL SURVEY. SAID ELEVATION IS MARKED AS BEING 5251 FEET.

**BASIS OF BEARINGS**

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



NOTE:  
THE PROPOSED BOTTOM HOLE FOR THIS WELL IS LOCATED IN THE NE 1/4 SE 1/4 OF SECTION 31, T10S, R20E, S.L.B.&M. AT A DISTANCE OF 1800' FSL 900' FEL. IT BEARS S89°02'42"E 1267.28' FROM THE PROPOSED WELL HEAD.



**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.

*Philip Kay*  
REGISTERED LAND SURVEYOR  
REGISTRATION NO. 161316  
STATE OF UTAH

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

**LEGEND:**

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

(NAD 83)  
LATITUDE = 39°54'04.97" (39.901381)  
LONGITUDE = 109°42'20.53" (109.705703)

SCALE 1" = 1000'	DATE SURVEYED: 5-26-04	DATE DRAWN: 6-24-04
PARTY B.B. J.T. C.G.	REFERENCES G.L.O. PLAT	
WEATHER WARM	FILE DOMINION EXPLR. & PROD., INC.	

# DRILLING PLAN

## APPROVAL OF OPERATIONS

### Attachment for Permit to Drill

**Name of Operator:** Dominion Exploration & Production  
**Address:** 14000 Quail Springs Parkway, Suite 600  
Oklahoma City, OK 73134  
**Well Location:** HCU 9-31F  
SHL: 1799' FSL & 2167' FEL Section 31-10S-20E  
BHL: 1800' FSL & 900' FEL Section 31-10S-20E  
Uintah County, UT

1. GEOLOGIC SURFACE FORMATION Uintah

2. ESTIMATED DEPTHS OF IMPORTANT GEOLOGIC MARKERS

<u>Formation</u>	<u>Depth</u>
Wasatch Tongue	3,816'
Uteland Limestone	4,161'
Wasatch	4,296'
Chapita Wells	5,246'
Uteland Buttes	6,386'
Mesaverde	7,186'

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

<u>Formation</u>	<u>Depth</u>	<u>Type</u>
Wasatch Tongue	3,816'	Oil
Uteland Limestone	4,161'	Oil
Wasatch	4,296'	Gas
Chapita Wells	5,246'	Gas
Uteland Buttes	6,386'	Gas
Mesaverde	7,186'	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'	8,300'	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' – 8,300'	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

**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.

<u>Type</u>	<u>Sacks</u>	<u>Interval</u>	<u>Density</u>	<u>Yield</u>	<u>Hole Volume</u>	<u>Cement Volume</u>	<u>Excess</u>
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 8.300'±, 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.

<u>Type</u>	<u>Sacks</u>	<u>Interval</u>	<u>Density</u>	<u>Yield</u>	<u>Hole Volume</u>	<u>Cement Volume</u>	<u>Excess</u>
Lead	90	3.700'-4.500'	11.5 ppg	3.12 CFS	139 CF	277 CF	100%
Tail	600	4.500'-8.300'	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**

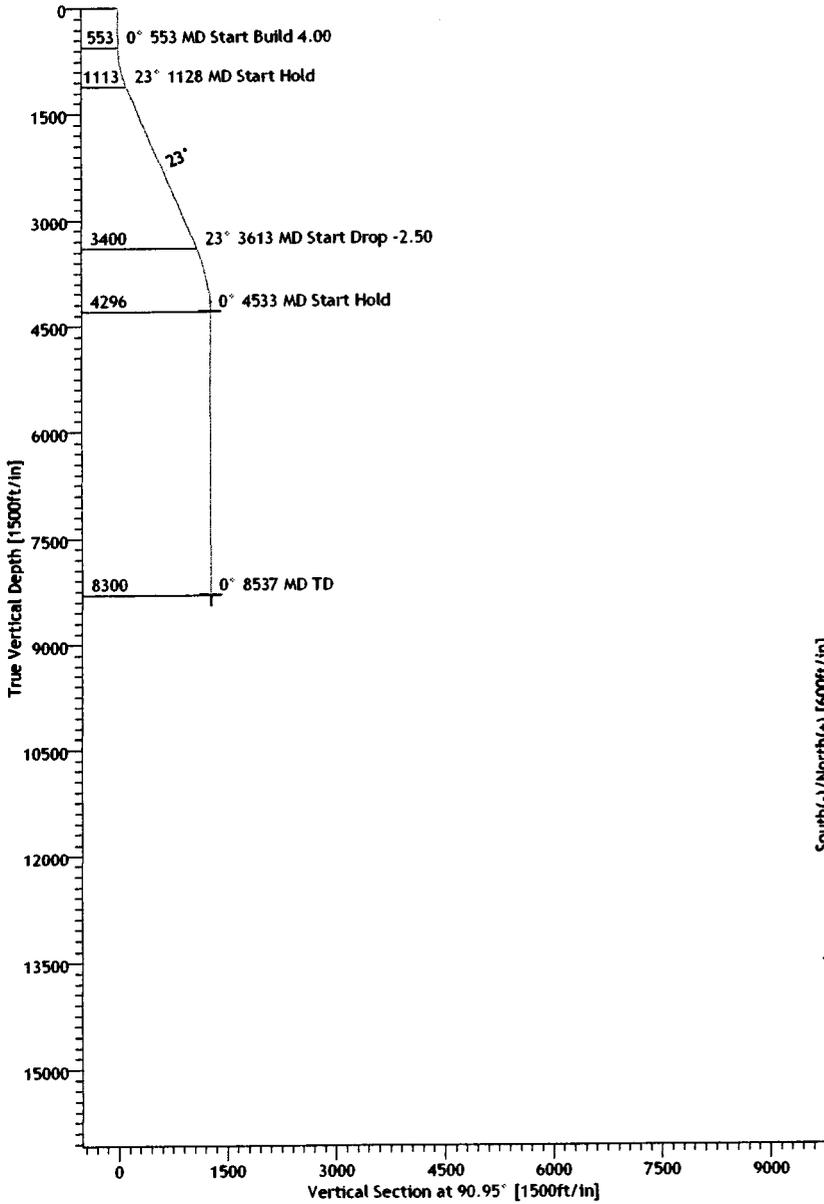
Starting Date: January 20, 2005  
Duration: 14 Days



**Ryan** The leader in  
UNDERGROUND INTELLIGENCE™

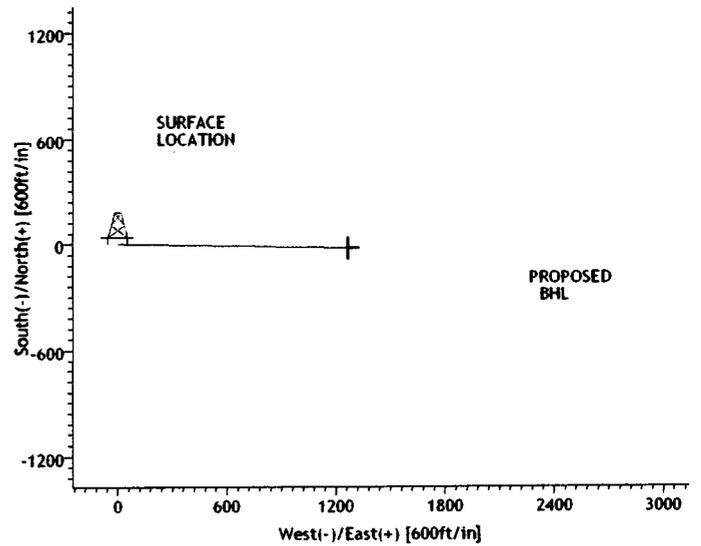
**DOMINION**

HCU 9-31F  
UINTAH COUNTY  
UTAH



Azimuths to True North  
Magnetic North: 12.27°

Magnetic Field  
Strength: 53104rT  
Dip Angle: 66.00°  
Date: 9/2/2004  
Model: igf2000



SECTION DETAILS											
Sec	MD	Inc	Azi	TVD	+N/-S	+E/-W	DLeg	TFace	VSec	Target	
1	0.00	0.00	90.95	0.00	0.00	0.00	0.00	0.00	0.00		
2	553.00	0.00	90.95	553.00	0.00	0.00	0.00	0.00	0.00		
3	1128.05	23.00	90.95	1112.73	-1.89	113.87	4.00	90.95	113.89		
4	3613.36	23.00	90.95	3400.43	-17.99	1084.91	0.00	0.00	1085.06		
5	4533.44	0.00	90.95	4296.00	-21.01	1267.11	2.50	180.00	1267.28	TARGET6	
6	8537.44	0.00	90.95	8300.00	-21.12	1267.10	0.00	0.00	1267.28	BHL6	

**CONFIDENTIAL**

# Ryan Energy Planning Report



<b>Company:</b> DOMINION	<b>Date:</b> 9/2/2004	<b>Time:</b> 11:37:02	<b>Page:</b> 1
<b>Field:</b> UTAH	<b>Co-ordinate(NE) Reference:</b>	<b>Site:</b> UINTAH COUNTY, Grid North	
<b>Site:</b> UINTAH COUNTY	<b>Vertical (TVD) Reference:</b>	SITE 0.0	
<b>Well:</b> HCU #9-31F	<b>Section (VS) Reference:</b>	Well (0.00N,0.00E,90.95Azi)	
<b>Wellpath:</b> ORIGINAL HOLE	<b>Plan:</b>	PLANNED WELL	

<b>Field:</b> 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>	Site Centre
<b>Sys Datum:</b> Mean Sea Level	<b>Geomagnetic Model:</b>	igrf2000

**Site:** UINTAH COUNTY

<b>Site Position:</b>	<b>Northing:</b> 7141154.37 ft	<b>Latitude:</b> 39 54 34.409 N
<b>From:</b> Geographic	<b>Easting:</b> 2158987.89 ft	<b>Longitude:</b> 109 39 4.220 W
<b>Position Uncertainty:</b> 0.00 ft		<b>North Reference:</b> Grid
<b>Ground Level:</b> 0.00 ft		<b>Grid Convergence:</b> 1.18 deg

<b>Well:</b> HCU #9-31F	<b>Slot Name:</b>
<b>Well Position:</b> +N/-S 0.00 ft	<b>Northing:</b> 7141154.37 ft
+E/-W 0.00 ft	<b>Easting:</b> 2158987.89 ft
<b>Position Uncertainty:</b> 0.00 ft	<b>Latitude:</b> 39 54 34.409 N
	<b>Longitude:</b> 109 39 4.220 W

<b>Wellpath:</b> ORIGINAL HOLE	<b>Drilled From:</b> Surface
<b>Current Datum:</b> SITE	<b>Tie-on Depth:</b> 0.00 ft
<b>Magnetic Data:</b> 9/2/2004	<b>Above System Datum:</b> Mean Sea Level
<b>Field Strength:</b> 53104 nT	<b>Declination:</b> 12.27 deg
<b>Vertical Section:</b> Depth From (TVD)	<b>Mag Dip Angle:</b> 66.00 deg
ft	+N/-S ft
	+E/-W ft
	Direction deg
8300.00	0.00
	0.00
	90.95

**Plan Section Information**

MD ft	Incl deg	Azim deg	TVD ft	+N/-S ft	+E/-W ft	DLS deg/100ft	Build deg/100ft	Turn deg/100ft	TFO deg	Target
0.00	0.00	90.95	0.00	0.00	0.00	0.00	0.00	0.00	0.00	
553.00	0.00	90.95	553.00	0.00	0.00	0.00	0.00	0.00	0.00	
1128.05	23.00	90.95	1112.73	-1.89	113.87	4.00	4.00	0.00	90.95	
3613.36	23.00	90.95	3400.43	-17.99	1084.91	0.00	0.00	0.00	0.00	
4533.44	0.00	90.95	4296.00	-21.01	1267.11	2.50	-2.50	0.00	180.00	TARGET6
8537.44	0.00	90.95	8300.00	-21.12	1267.10	0.00	0.00	0.00	0.00	BHL6

## 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 9-31F  
SHL: 1799' FSL & 2167' FEL Section 31-10S-20E  
BHL: 1800' FSL & 900' FEL Section 31-10S-20E  
Uintah County, UT

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

The onsite inspection for the referenced well was conducted on Wednesday, August 18, 2004 at approximately 1:45 pm. In attendance at the onsite inspection were the following individuals:

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

1. Existing Roads:

- a. The proposed well site is located approximately 13.01 miles southeast of Ouray, UT.
- b. Directions to the proposed well site have been attached at the end of Exhibit B.
- c. The use of roads under State and County Road Department maintenance are necessary to access the Hill Creek Unit. However, an encroachment permit is not anticipated since no upgrades to the State or County Road system are proposed at this time.
- d. All existing roads will be maintained and kept in good repair during all phases of operation.
- e. Vehicle operators will obey posted speed restrictions and observe safe speeds commensurate with road and weather conditions.
- f. Since no improvements are anticipated to the State, County, Tribal or BLM access roads no topsoil striping will occur.
- g. An off-lease federal Right-of-Way is not anticipated for the access road or utility corridor since both are located within the existing federal unit boundary.

2. Planned Access Roads:

- a. From the existing gravel surfaced, Dominion maintained road an access is proposed trending southeast approximately 100' to the proposed well site. The access consists of entirely new disturbance and crosses no drainages. A road design plan is not anticipated at this time.
- b. The proposed access road will consist of a 14' travel surface within a 30' disturbed area.
- c. Proposed access will utilize entirely Ute Indian Tribe lands in which a right-of-way is being approved at this time. BLM approval to construct and utilize the proposed access road is requested with this application.
- d. A maximum grade of 10% will be maintained throughout the project with no cuts and fills required to access the well.
- e. No turnouts are proposed since the access road is only 100' long and adequate site distance exists in all directions.
- f. No culverts are anticipated. Adequate drainage structures will be incorporated into the road.
- g. No surfacing material will come from federal or Indian lands.
- h. No gates or cattle guards are anticipated at this time.
- i. Surface disturbance and vehicular travel will be limited to the approved location access road.
- j. All access roads and surface disturbing activities will conform to the standards outlined in the Bureau of Land Management and Forest Service publication: Surface Operating Standards for Oil and Gas Exploration and Development, (1989).
- k. The operator will be responsible for all maintenance of the access road including drainage structures.

3. Location of Existing Wells:

- a. Following is a list of existing wells within a one mile radius of the proposed well:
  - i. Water wells           None
  - ii. Injection wells       None
  - iii. Disposal wells       None
  - iv. Drilling wells       None
  - v. Temp. shut-in wells   None
  - vi. Producing wells       9
  - vii. Abandon wells       None
- b. Exhibit B has a map reflecting these wells within a one mile radius of the proposed well.

4. Location of Production Facilities:

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

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

- b. Site security guidelines identified in 43 CFR 3163.7-5 and Onshore Oil and Gas Order No. 3 will be adhered to.
- c. A gas meter run will be constructed and located on lease within 500 feet of the wellhead. Meter runs will be housed and/or fenced. All gas production and measurement shall comply with the provisions of 43 CFR 3162.7-3, Onshore Oil and Gas Order No. 5, and American Gas Association (AGA) Report No. 3.
- d. A tank battery will be constructed on this lease, it will be surrounded by a dike of sufficient capacity to contain the storage capacity of the largest tank. All loading lines and valves will be placed inside the berm surrounding the tank battery. All liquid hydrocarbons production and measurement shall conform to the provisions of 43 CFR 3162.7-3 and Onshore Oil and Gas Order No. 4 and Onshore Oil and Gas Order No. 5 for natural gas production and measurement.
- e. Any necessary pits will be properly fenced to prevent any wildlife and livestock entry.
- f. All access roads will be maintained as necessary to prevent erosion and accommodate year-round traffic. The road will be maintained in a safe useable condition.
- g. The site will require periodic maintenance to ensure that drainages are kept open and free of debris, ice, and snow, and that surfaces are properly treated to reduce erosion, fugitive dust, and impacts to adjacent areas.
- h. A gas pipeline is associated with this application and is being applied for at this time. The proposed gas pipeline corridor will leave the northwest side of the well site and traverse 65' northwest to the existing 4" pipeline corridor that services the HCU 5-32F.
- i. The gas pipeline will be a 4" steel surface line within a 20' wide utility corridor. The use of the proposed well site and access roads will facilitate the staging of the pipeline construction. A new pipeline length of approximately 65' is associated with this well.
- j. Dominion intends on installing the pipeline on the surface by welding many joints into long lengths, dragging the long lengths into position and then completing a final welding pass to join the long lengths together. Dominion intends on connecting the pipeline together utilizing conventional welding technology.

5. Location and Type of Water Supply:

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

6. Source of Construction Material:

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

7. Methods of Handling Waste Disposal:

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

10. Plans for Restoration of the Surface:

- a. Site reclamation for a producing well will be accomplished for portions of the site not required for the continued operation of the well.
- b. The Operator will control noxious weeds along access road use authorizations, pipeline route authorizations, well sites, or other applicable facilities by spraying or mechanical removal. A list of noxious weeds may be obtained from the BLM or the appropriate County Extension Office. On Ute Tribal and BLM administered land, it is required that a Pesticide Use Proposal be submitted and approved prior to the application of herbicides, pesticides or possibly hazardous chemicals.

- c. Upon well completion, any hydrocarbons in the pit shall be removed in accordance with 43 CFR 3162.7-1. Once the reserve pit is dry, the plastic nylon reinforced liner shall be torn and perforated before backfilling of the reserve pit. The reserve pit and that portion of the location not needed for production facilities/operations will be recontoured to the approximate natural contours.
- d. The cut and fill slopes and all other disturbed areas not needed for the production operation will be top soiled and re-vegetated. The stockpiled topsoil will be evenly distributed over the disturbed area.
- e. Prior to reseeding the site, all disturbed areas, including the access road, will be scarified and left with a rough surface. The site will then be seeded and/or planted as prescribed by the BIA. The BIA recommended seed mix will be detailed within their approval documents.

11. Surface and Mineral Ownership:

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

12. Other Information:

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

13. Operator's Representative and Certification

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

**Certification:**

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

Signature: Don Hamilton Date: 9-10-04

**DOMINION EXPLR. & PROD., INC.**  
**HCU #9-31F,#10-31F,16-31F**  
**SECTION 31, T10S, R20E, S.L.B.&M.**

PROCEED IN A WESTERLY DIRECTION FROM VERNAL, UTAH ALONG U.S. HIGHWAY 40 APPROXIMATELY 14.0 MILES TO THE JUNCTION OF STATE HIGHWAY 88; EXIT LEFT AND PROCEED IN A SOUTHERLY DIRECTION APPROXIMATELY 17.0 MILES TO OURAY, UTAH; PROCEED IN A SOUTHERLY, THEN SOUTHEASTERLY DIRECTION APPROXIMATELY 9.1 MILES ON THE SEEP RIDGE ROAD TO THE JUNCTION OF THIS ROAD AND AN EXISTING ROAD TO THE SOUTH; TURN RIGHT AND PROCEED IN A SOUTHERLY DIRECTION APPROXIMATELY 2.8 MILES TO THE JUNCTION OF THIS ROAD AND AN EXISTING ROAD TO THE WEST; TURN RIGHT AND PROCEED IN A WESTERLY, THEN SOUTHWESTERLY DIRECTION APPROXIMATELY 0.5 MILES TO THE JUNCTION OF THIS ROAD AND AN EXISTING ROAD TO THE NORTH; TURN RIGHT AND PROCEED IN A NORTHERLY, THEN SOUTHWESTERLY DIRECTION APPROXIMATELY 2.8 MILES TO THE JUNCTION OF THIS ROAD AND AN EXISTING ROAD TO THE SOUTHWEST; PROCEED IN A SOUTHWESTERLY DIRECTION APPROXIMATELY 2.4 MILES TO THE JUNCTION OF THIS ROAD AND AN EXISTING ROAD TO THE SOUTHEAST; TURN LEFT AND PROCEED IN A SOUTHEASTERLY DIRECTION APPROXIMATELY 0.1 MILES TO THE JUNCTION OF THIS ROAD AND AN EXISTING ROAD TO THE SOUTHEAST; PROCEED IN A SOUTHEASTERLY DIRECTION APPROXIMATELY 0.3 MILES TO THE JUNCTION OF THIS ROAD AND AN EXISTING ROAD TO THE SOUTH; TURN RIGHT AND PROCEED IN A SOUTHERLY DIRECTION APPROXIMATELY 0.2 MILES TO THE HCU #11-31 PROCEED IN A WESTERLY THEN SOUTHERLY DIRECTION APPROXIMATELY 0.4 MILES TO THE BEGINNING OF THE PROPOSED ACCESS TO THE SOUTHEAST; FOLLOW ROAD FLAGS APPROXIMATELY 100' TO THE PROPOSED LOCATION.

TOTAL DISTANCE FROM VERNAL, UTAH TO THE PROPOSED WELL LOCATION IS APPROXIMATELY 49.6 MILES.

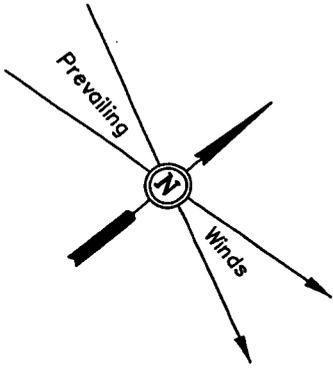
# DOMINION EXPLR. & PROD., INC.

## LOCATION LAYOUT FOR

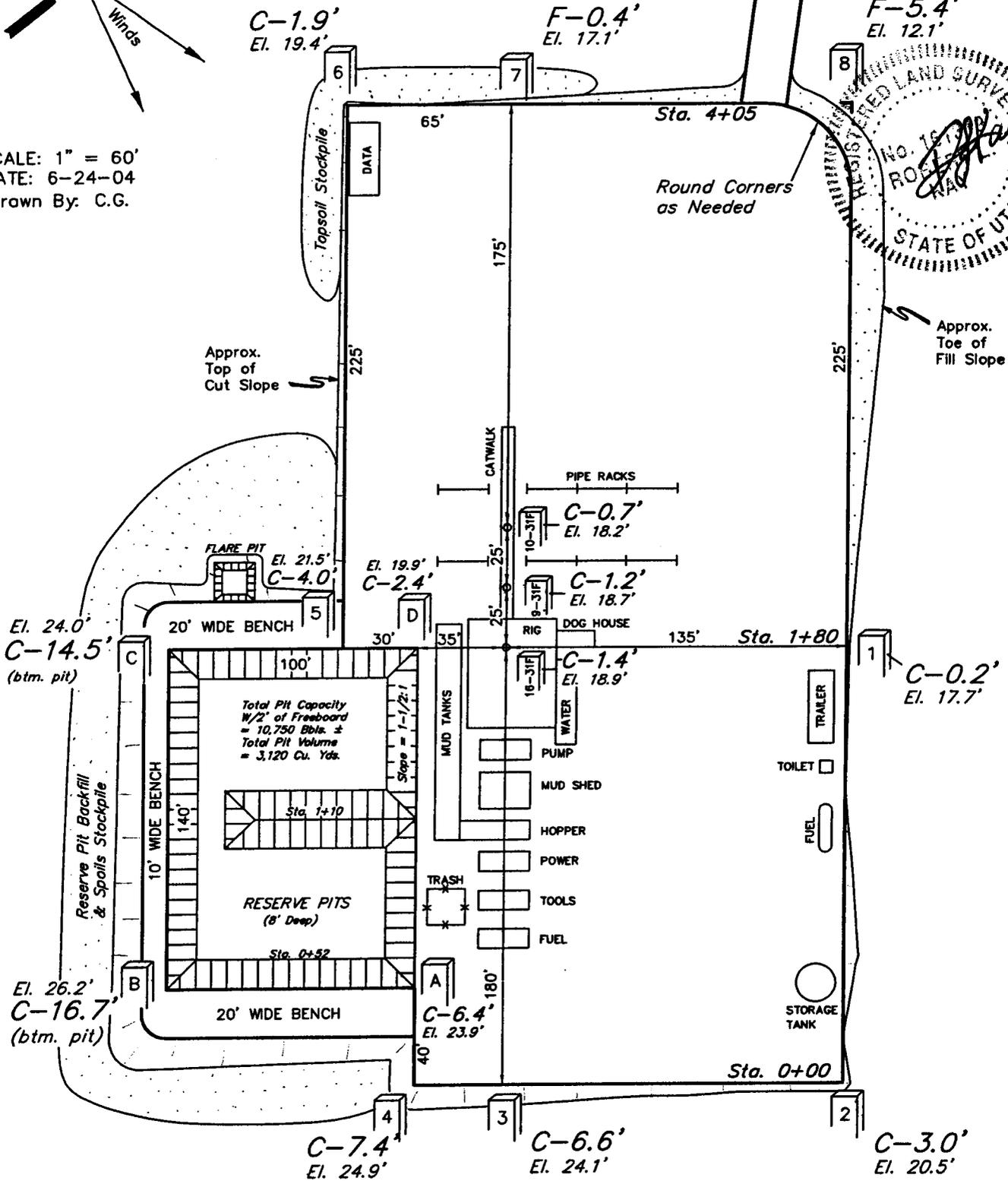
HCU #9-31F, #10-31F & #16-31F  
SECTION 31, T10S, R20E, S.L.B.&M.  
NW 1/4 SE 1/4

Existing Road

Proposed Access Road



SCALE: 1" = 60'  
DATE: 6-24-04  
Drawn By: C.G.



Elev. Ungraded Ground at #10-31F Location Stake = 5318.2'  
Elev. Graded Ground at #10-31F Location Stake = 5317.5'

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

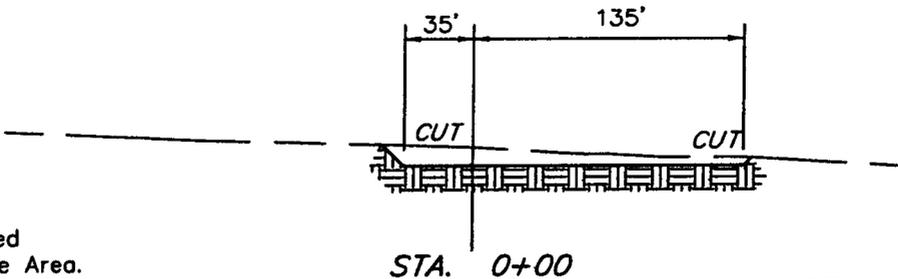
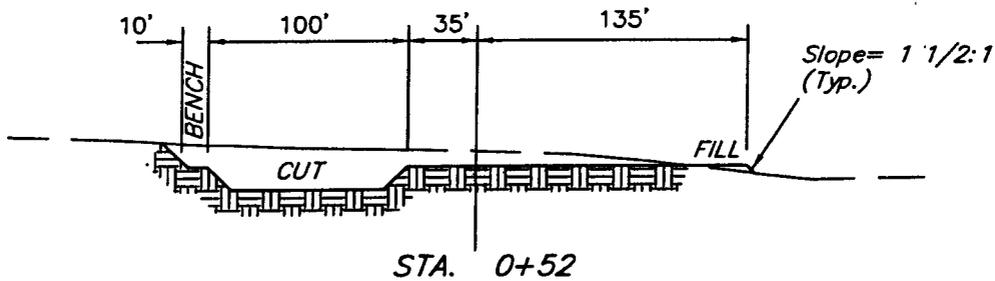
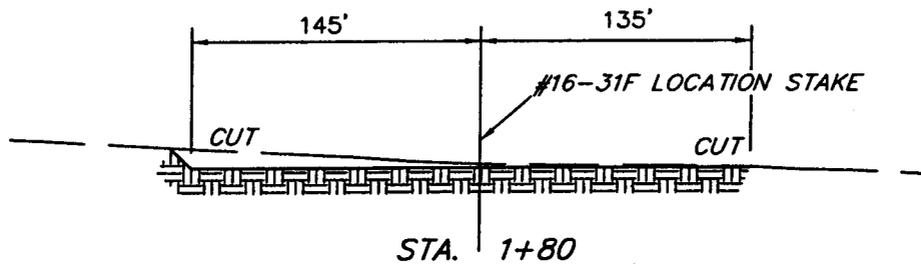
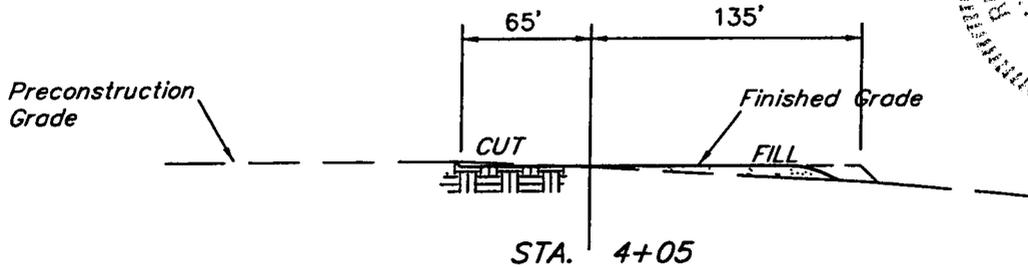
# DOMINION EXPLR. & PROD., INC.

## TYPICAL CROSS SECTIONS FOR

HCU #9-31F, #10-31F & #16-31F  
SECTION 31, T10S, R20E, S.L.B.&M.  
NW 1/4 SE 1/4

1" = 40'  
X-Section  
Scale  
1" = 100'

DATE: 6-24-04  
Drawn By: C.G.



**NOTE:**

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

\* NOTE:  
FILL QUANTITY INCLUDES  
5% FOR COMPACTION

### APPROXIMATE YARDAGES

<b>CUT</b>	
(12") Topsoil Stripping	= 3,940 Cu. Yds.
Remaining Location	= 9,980 Cu. Yds.
<b>TOTAL CUT</b>	<b>= 13,920 CU.YDS.</b>
<b>FILL</b>	<b>= 4,530 CU.YDS.</b>

EXCESS MATERIAL	= 9,390 Cu. Yds.
Topsoil & Pit Backfill (1/2 Pit Vol.)	= 5,500 Cu. Yds.
EXCESS UNBALANCE (After Rehabilitation)	= 3,890 Cu. Yds.

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

# DOMINION EXPLR. & PROD., INC.

HCU #9-31F, #10-31F, #16-31F

LOCATED IN UINTAH COUNTY, UTAH

SECTION 31, T10S, R20E, S.L.B.&M.

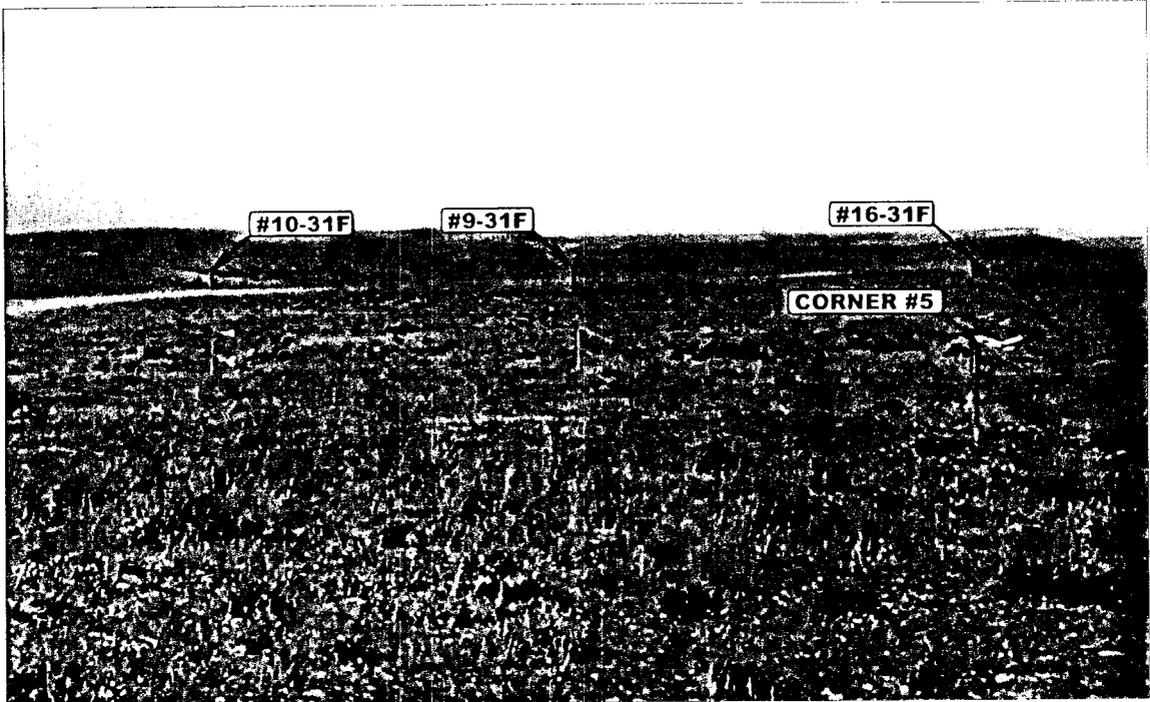


PHOTO: VIEW FROM CORNER #5 TO LOCATION STAKE

CAMERA ANGLE: NORTHEASTERLY

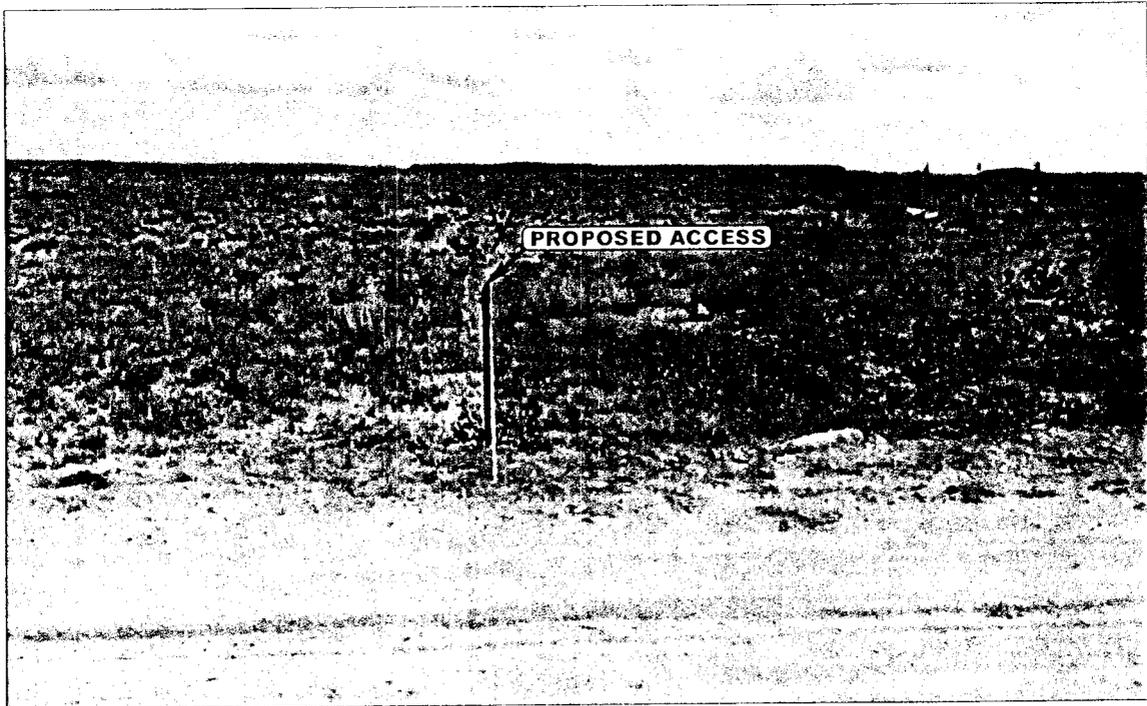


PHOTO: VIEW FROM BEGINNING OF PROPOSED ACCESS

CAMERA ANGLE: SOUTHEASTERLY



- Since 1964 -

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

LOCATION PHOTOS

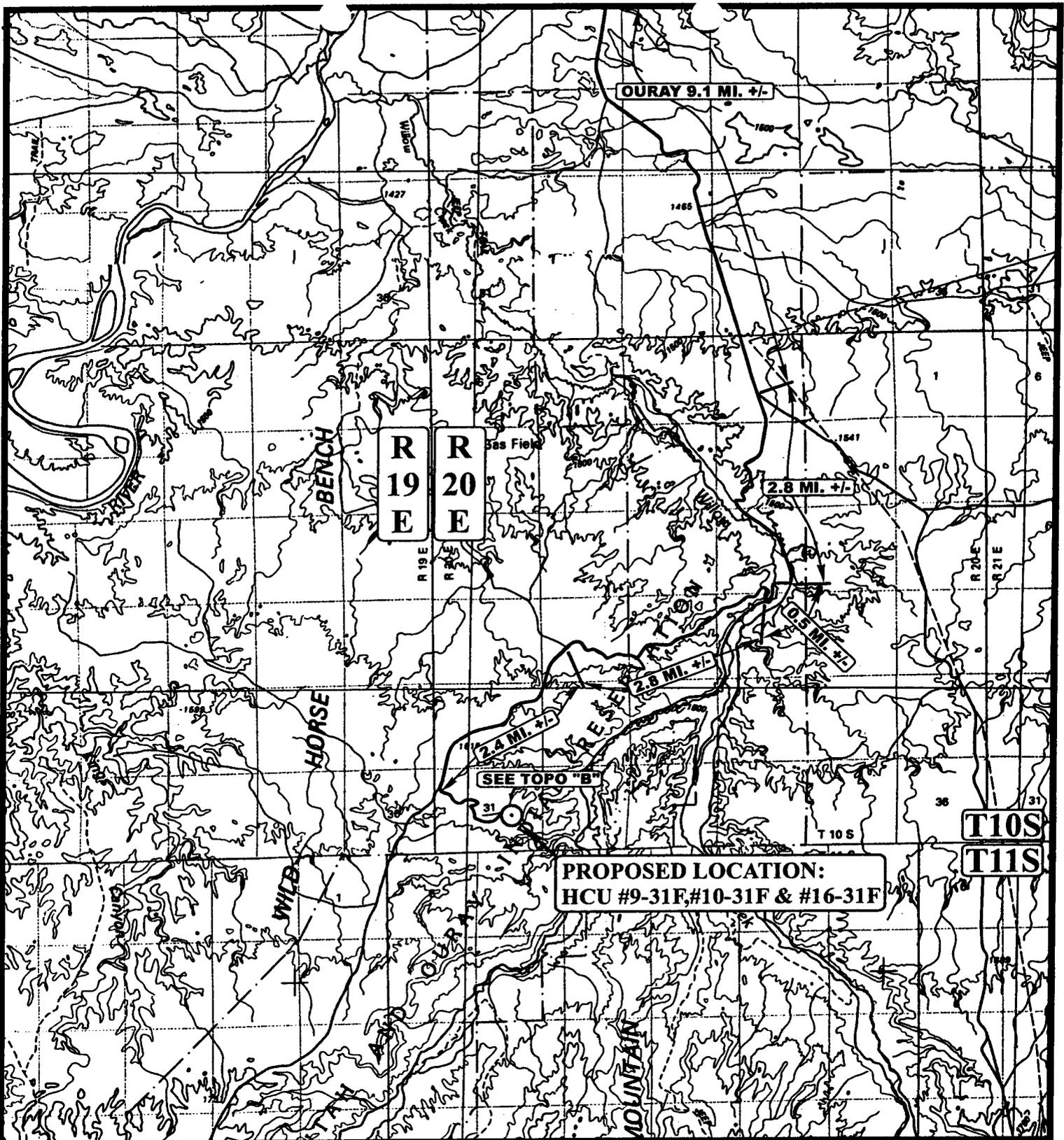
06 11 04  
MONTH DAY YEAR

PHOTO

TAKEN BY: B.B.

DRAWN BY: J.D.G.

REVISED: 00-00-00



**PROPOSED LOCATION:  
HCU #9-31F, #10-31F & #16-31F**

**LEGEND:**

○ PROPOSED LOCATION

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

HCU #9-31F, #10-31F & #16-31F  
SECTION 31, T10S, R20E, S.L.B.&M.  
NW 1/4 SE 1/4

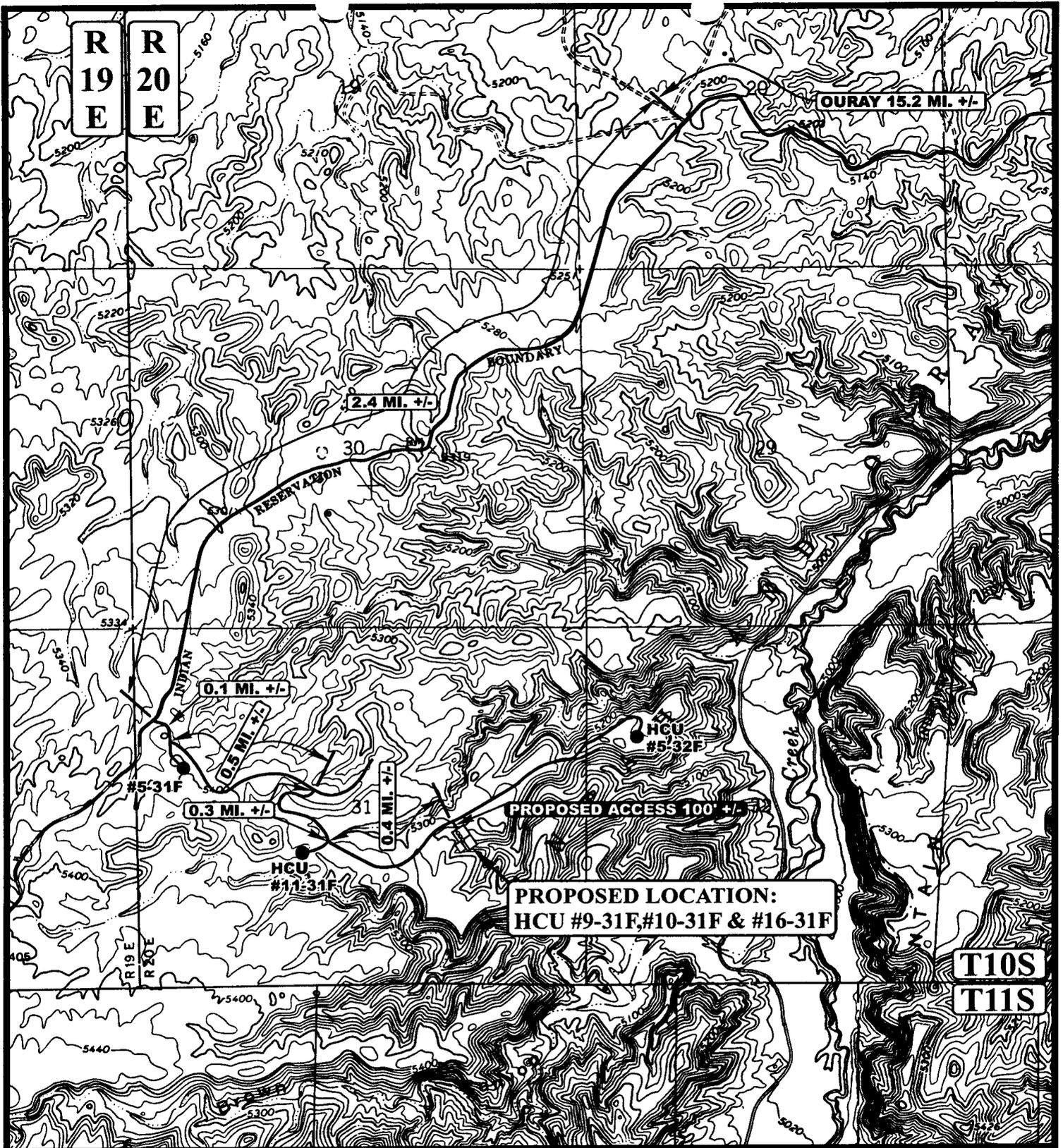


Uintah Engineering & Land Surveying  
85 South 200 East Vernal, Utah 84078  
(435) 789-1017 \* FAX (435) 789-1813

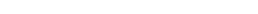


**TOPOGRAPHIC** 06 11 04  
**MAP** MONTH DAY YEAR  
SCALE: 1:100,000 DRAWN BY: J.D.G. REVISED: 00-00-00





**LEGEND:**

-  EXISTING ROAD
-  PROPOSED ACCESS ROAD
-  PROPOSED ROAD REROUTE

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

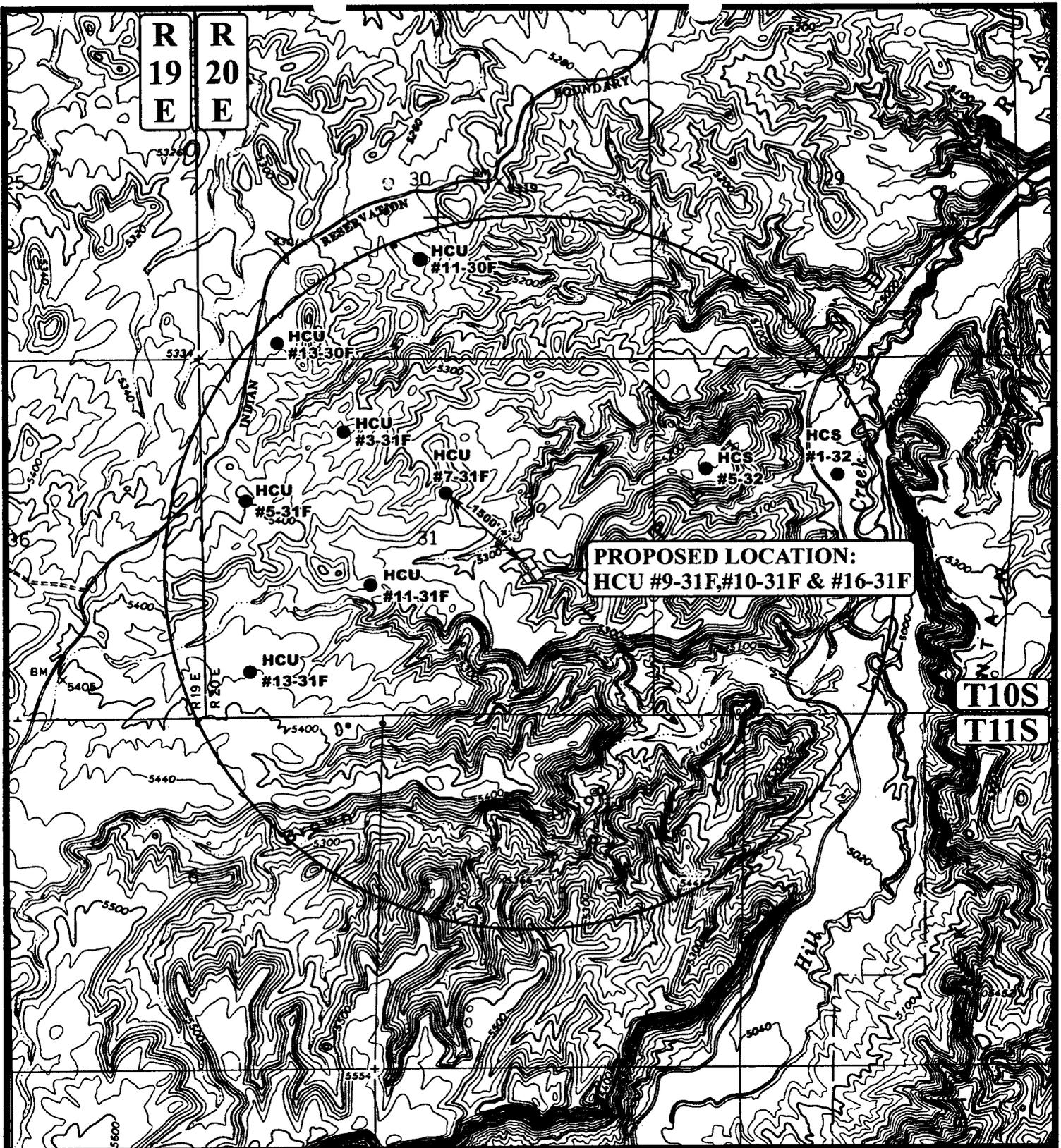
HCU #9-31F, #10-31F & #16-31F  
 SECTION 31, T10S, R20E, S.L.B.&M.  
 NW 1/4 SE 1/4

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



**TOPOGRAPHIC** 06 11 04  
**MAP** MONTH DAY YEAR  
 SCALE: 1" = 2000' DRAWN BY: J.D.G. REVISED: 00-00-00

**B**  
**TOPO**



**PROPOSED LOCATION:  
HCU #9-31F, #10-31F & #16-31F**

**LEGEND:**

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



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

HCU #9-31F, #10-31F & #16-31F  
SECTION 31, T10S, R20E, S.L.B.&M.  
NW 1/4 SE 1/4



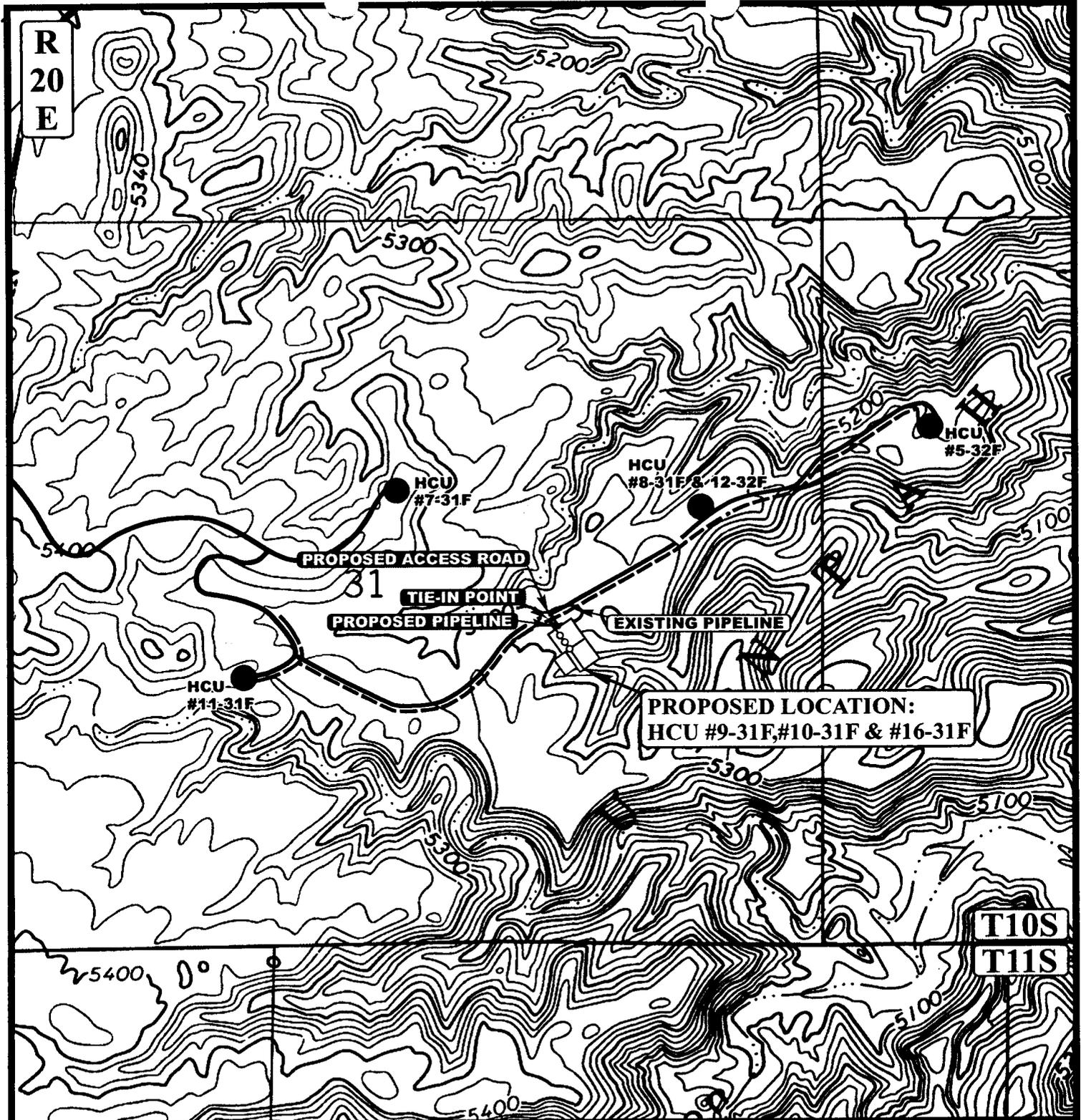
Utah Engineering & Land Surveying  
85 South 200 East Vernal, Utah 84078  
(435) 789-1017 \* FAX (435) 789-1813

TOPOGRAPHIC MAP

06	11	04
MONTH	DAY	YEAR

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





APPROXIMATE TOTAL PIPELINE DISTANCE = 65' +/-

**LEGEND:**

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

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

HCU #9-31F, #10-31F & #16-31F  
 SECTION 31, T10S, R20E, S.L.B.&M.  
 NW 1/4 SE 1/4



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



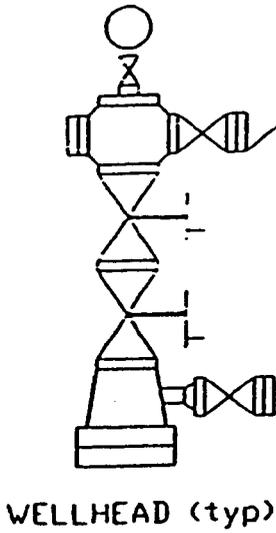
TOPOGRAPHIC MAP  
 06 11 04  
 MONTH DAY YEAR  
 SCALE: 1" = 1000' DRAWN BY: J.D.G. REVISED: 00-00-00



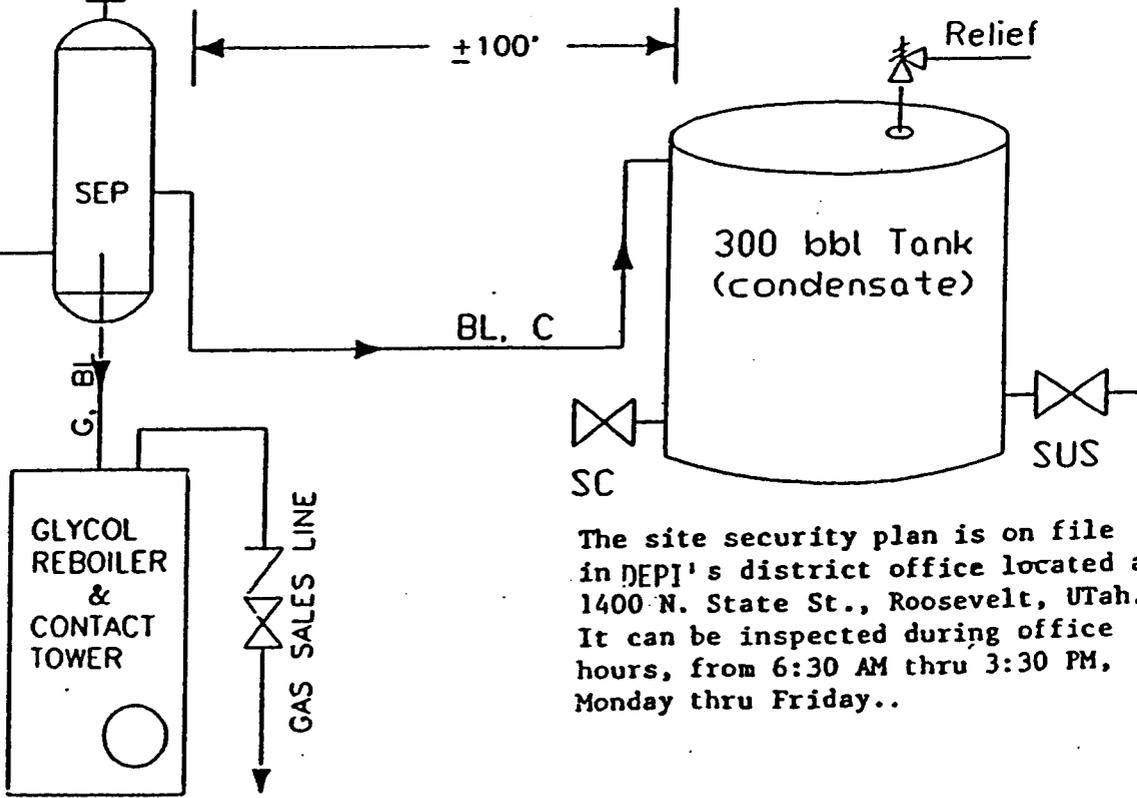
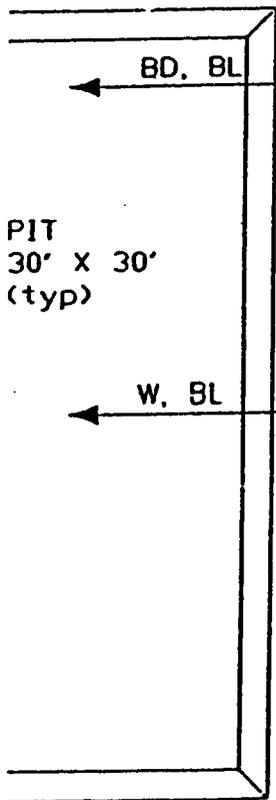
CONFIDENTIAL

LEGEND

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



BL, G, C, W  
(± 100')

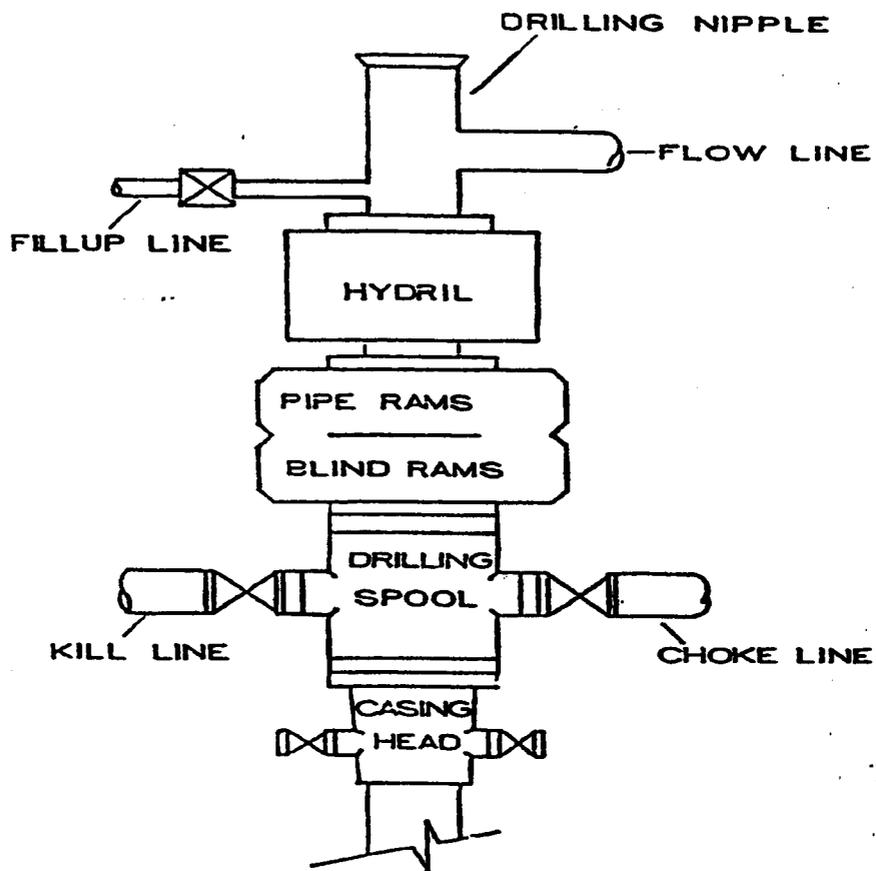


The site security plan is on file in DEPI's district office located at 1400 N. State St., Roosevelt, Utah. It can be inspected during office hours, from 6:30 AM thru 3:30 PM, Monday thru Friday..

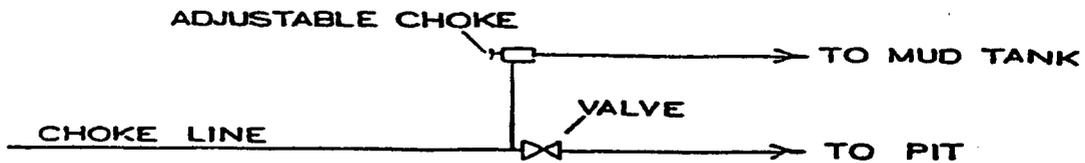
DOMINION EXPLORATION & PRODUCTION, INC.

I:		not to scale
number	TYPICAL FLOW DIAGRAM	date: / /

## BOP STACK



## CHOKER MANIFOLD



WORKSHEET  
APPLICATION FOR PERMIT TO DRILL

APD RECEIVED: 09/13/2004

API NO. ASSIGNED: 43-047-35936

WELL NAME: HCU 9-31F

OPERATOR: DOMINION EXPL & PROD ( N1095 )

CONTACT: DON HAMILTON

PHONE NUMBER: 435-650-1886

PROPOSED LOCATION:

NWSE 31 100S 200E

SURFACE: 1799 FSL 2167 FEL

*NESE* BOTTOM: 1800 FSL 0900 FEL

UINTAH

NATURAL BUTTES ( 630 )

LEASE TYPE: 1 - Federal

LEASE NUMBER: U-30693

SURFACE OWNER: 2 - Indian

PROPOSED FORMATION: MVRD

COALBED METHANE WELL? NO

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

LATITUDE: 39.90145

LONGITUDE: -109.7051

RECEIVED AND/OR REVIEWED:

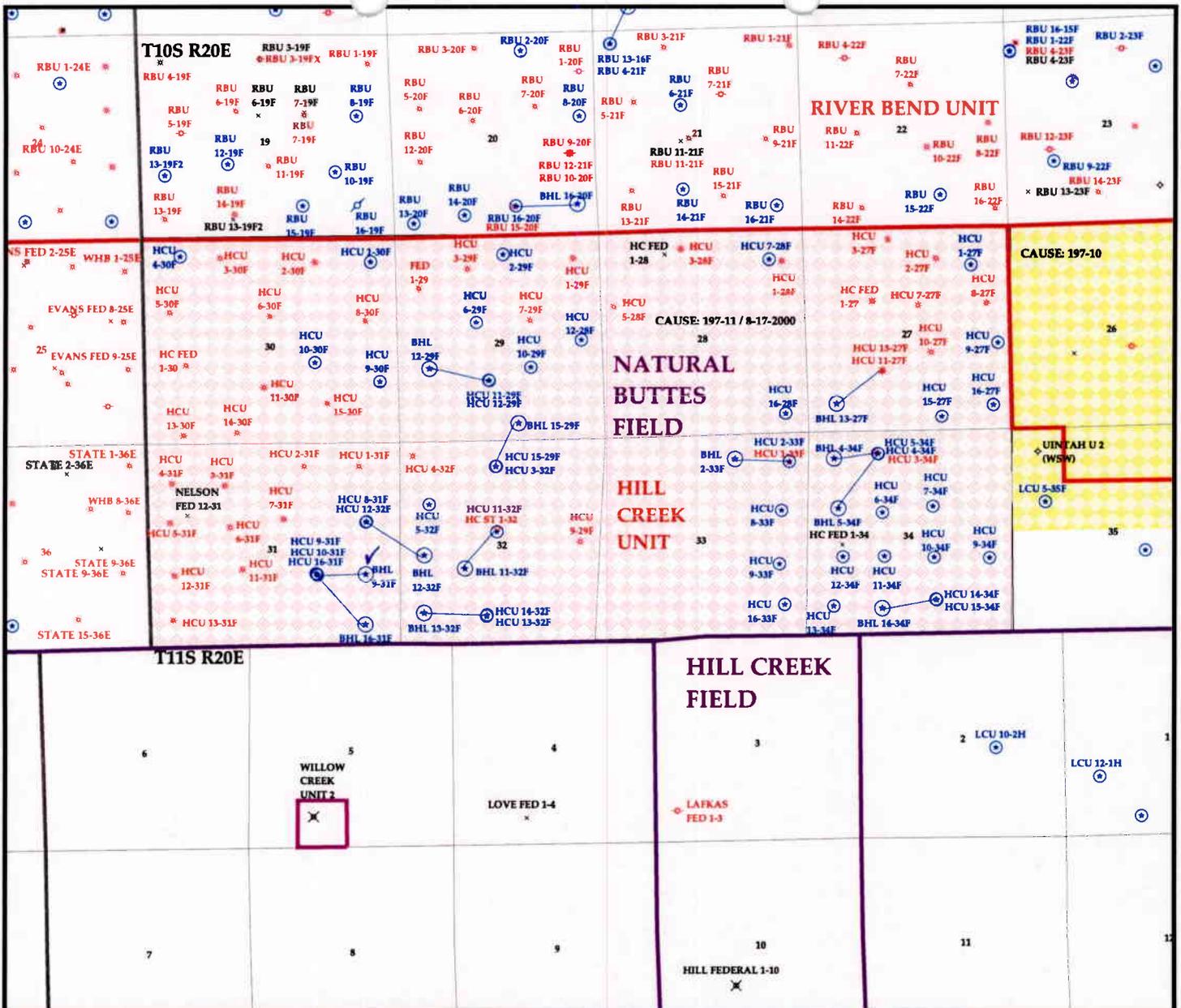
- Plat
- Bond: Fed[1] Ind[] Sta[] Fee[]  
(No. 76S630500330 )
- N* Potash (Y/N)
- Y* Oil Shale 190-5 (B) or 190-3 or 190-13
- Water Permit  
(No. 43-10447 )
- N* RDCC Review (Y/N)  
(Date: )
- N/A* Fee Surf Agreement (Y/N)

LOCATION AND SITING:

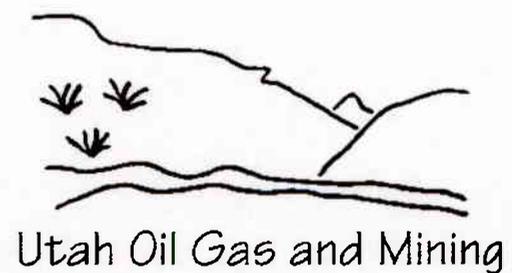
- \_\_\_ R649-2-3.
- Unit HILL CREEK
- \_\_\_ R649-3-2. General  
Siting: 460 From Qtr/Qtr & 920' Between Wells
- \_\_\_ R649-3-3. Exception
- Drilling Unit  
Board Cause No: 197-11  
Eff Date: 8-17-00  
Siting: Suspends General Siting
- R649-3-11. Directional Drill

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

STIPULATIONS: 1-Federal Approval



**OPERATOR: DOMINION EXPL & PROD (N1095)**  
**SEC. 31 T.10S R.20E**  
**FIELD: NATURAL BUTTES (630)**  
**COUNTY: UINTAH**  
**CAUSE: 197-11 / 8-17-2000**



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



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

# United States Department of the Interior

## BUREAU OF LAND MANAGEMENT

Utah State Office

P.O. Box 45155

Salt Lake City, Utah 84145-0155

**IN REPLY REFER TO:**

3160

(UT-922)

September 15, 2004

Memorandum

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

Pursuant to email between Diana Whitney, Division of Oil, Gas and Mining, and Mickey Coulthard, Utah State Office, Bureau of Land Management, the following wells are planned for calendar year 2004 within the Hill Creek Unit, Uintah County, Utah.

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

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

/s/ Michael L. Coulthard



State of Utah

Department of  
Natural Resources

ROBERT L. MORGAN  
*Executive Director*

Division of  
Oil, Gas & Mining

LOWELL P. BRAXTON  
*Division Director*

OLENE S. WALKER  
*Governor*

GAYLE F. McKEACHNIE  
*Lieutenant Governor*

September 16, 2004

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

Re: Hill Creek Unit 9-31F Well, Surface Location 1799' FSL, 2167' FEL,  
NW SE, Sec. 31, T. 10 South, R. 20 East, Bottom Location 1800' FSL,  
900' FEL, NE SE, Sec. 31, 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 43-047-35936.

Sincerely,

John R. Baza  
Associate Director

pab  
Enclosures

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



UNITED STATES  
DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENT

006

APPLICATION FOR PERMIT TO DRILL OR DEEPEN

1a. TYPE OF WORK <b>DRILL</b> <input checked="" type="checkbox"/> <b>DEEPEN</b> <input type="checkbox"/>		5. LEASE DESIGNATION AND SERIAL NO. <b>U-30693</b>	
b. TYPE OF WELL OIL WELL <input type="checkbox"/> GAS WELL <input checked="" type="checkbox"/> OTHER <input type="checkbox"/>		6. IF INDIAN, ALLOTTEE OR TRIBE NAME <b>Ute Indian Tribe</b>	
SINGLE ZONE <input type="checkbox"/> MULTIPLE ZONE <input checked="" type="checkbox"/>		7. UNIT AGREEMENT NAME <b>Hill Creek Unit</b>	
2. NAME OF OPERATOR <b>Dominion Exploration &amp; Production, Inc.</b>		8. FARM OR LEASE NAME, WELL NO. <b>HCU 9-31F</b>	
3. ADDRESS AND TELEPHONE NO. <b>14000 Quail Springs Parkway, Suite 600, Oklahoma City, OK 73134, 405-749-5263</b>		9. API WELL NO. <b>43-047-35936</b>	
4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements.) At surface <b>1,799' FSL, 2,167' FEL NW/4 SE/4</b>		10. FIELD AND POOL, OR WILDCAT <b>Natural Buttes</b>	
At proposed prod. zone <b>1,800' FSL, 900' FEL NE/4 SE/4</b>		11. SEC., T., R., M., OR BLK. <b>Section 31, T10S, R20E, SLB&amp;M</b>	
14. DISTANCE IN MILES AND DIRECTION FROM NEAREST TOWN OR POST OFFICE* <b>13.01 miles southeast of Ouray, Utah</b>		12. COUNTY OR PARISH <b>Uintah</b>	
15. DISTANCE FROM PROPOSED LOCATION TO NEAREST PROPERTY OR LEASE LINE, FT. (Also to nearest drig. unit line, if any) <b>1,799'</b>		13. STATE <b>Utah</b>	
16. NO. OF ACRES IN LEASE <b>1,323.35</b>		17. NO. OF ACRES ASSIGNED TO THIS WELL <b>40 acres</b>	
18. DISTANCE FROM PROPOSED LOCATION TO NEAREST WELL, DRILLING, COMPLETED, OR APPLIED FOR, ON THIS LEASE, FT. <b>25'</b>		19. PROPOSED DEPTH <b>8,300'</b>	
20. ROTARY OR CABLE TOOLS <b>Rotary</b>		21. APPROX. DATE WORK WILL START* <b>January 20, 2005</b>	
21. ELEVATIONS (Show whether DF, RT, GR, etc.) <b>5,319' GR</b>			

RECEIVED  
SEP 13 2004

23. PROPOSED CASING AND CEMENTING PROGRAM

SIZE OF HOLE	GRADE, SIZE OF CASING	WEIGHT PER FOOT	SETTING DEPTH	QUANTITY OF CEMENT
17-1/2"	13-3/8" H-40 ST&C	48#	500'	450 sks "C" Cement with additives (see Drilling Plan)
12-1/4"	9-5/8" J-55 LT&C	36#	2,800'	300 sacks Lead and 390 sacks Tail (see Drilling Plan)
7-7/8"	5-1/2" Mav-80 LT&C	17#	8,300'	90 sacks Lead and 600 sacks Tail (see Drilling Plan)

Bond Information:

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

RECEIVED  
JAN 10 2005

Other Information:

Drilling Plan and Surface Use Plan are attached.  
Dominion requests that this complete application for permit to drill be held confidential.  
A request for exception to spacing (R649-3-11) 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:

DIV. OF OIL, GAS & MINING

**CONFIDENTIAL**

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

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

**CONDITIONS OF APPROVAL ATTACHED**

Application approval does not warrant or certify that the applicant holds legal or equitable title to those rights in the subject lease which would entitle the applicant to conduct operations thereon.  
CONDITIONS OF APPROVAL, IF ANY:  
APPROVED BY [Signature] TITLE Assistant Field Manager Mineral Resources DATE 12/31/2004

UDOGM

\*See Instructions On Reverse Side

NOTICE OF APPROVAL

Section 1001, makes it a crime for any person knowingly and willfully to make to any department or agency or the

CONDITIONS OF APPROVAL  
APPLICATION FOR PERMIT TO DRILL

Company/Operator: Dominion Exploration & Production Inc.  
Well Name & Number: HCU 9-31F  
API Number: 43-047-35936  
Lease Number: UTU - 30693  
Surface Location: NWSE Sec. 31 TWN: 10S RNG: 20E  
Bottom Hole Location: NESE Sec. 31 TWN: 10S RNG: 20E  
Agreement: Hill Creek WS MV

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

## CONDITIONS OF APPROVAL FOR NOTICE TO DRILL

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

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

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

### DRILLING PROGRAM

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

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

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

2. Pressure Control Equipment

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

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

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

3. Casing Program and Auxiliary Equipment

Surface casing shall have centralizers on the bottom three joints, with a minimum of one centralizer per joint. Surface casing setting depths are based on ground level elevations only.

As a minimum, the usable water shall be isolated and/or protected by having a cement top for the intermediate casing at least 200 ft. above the top of the Green River Formation, identified at  $\pm 706$  (MD) ft. and by having a cement top for the production casing at least 200 ft. the top of the Wasatch Tongue at 3,816 (MD) ft. If gilsonite is encountered while drilling, it shall be isolated and/or protected via the cementing program.

4. Mud Program and Circulating Medium

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

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

5. Coring, Logging and Testing Program

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

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

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

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

6. Notifications of Operations

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

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

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

If a replacement rig is contemplated for completion operations, a "Sundry Notice" (Form 3160-5) to that effect will be filed, for prior approval of the AO, and all conditions of this approved plan are applicable during all operations conducted with the replacement rig. The date on which production is commenced or resumed will be construed for oil wells as the date on which liquid hydrocarbons are first sold or shipped from a temporary storage facility, such as a test tank, and for which a run ticket is required to be generated or, the date on which liquid hydrocarbons are first produced into a permanent storage facility, whichever first occurs; and, for gas wells as the date on which associated liquid hydrocarbons are first sold or shipped from a temporary storage facility, such as a test tank, and for which a run ticket is required to be generated or, the date on which gas is first measured through permanent metering facilities, whichever first occurs.

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

Gas produced from this well may not be vented or flared beyond an initial authorized test period of 30 days or 50 MMCF following its completion, whichever occurs first, without the prior written approval of the Authorized Officer. Should gas be vented or flared without approval beyond the authorized test period, the operator may be directed to shut-in the well until the gas can be captured or approval to continue venting or flaring as uneconomic is granted and the operator shall be required to compensate the lessor for that portion of the gas vented or flared without approval which is determined to have been avoidably lost.

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

No well abandonment operations will be commenced without the prior approval of the AO. In the case of newly drilled dry holes or failures, and in emergency situations, oral approval will be obtained from the AO. A "Subsequent Report of Abandonment" Form 3160-5, will be filed with the AO within thirty (30) days following completion of the well for abandonment. This report will indicate where plugs were placed and the current status of surface restoration. Final abandonment will not be approved until the surface reclamation work required by the approved APD or approved abandonment notice has been completed to the satisfaction of the AO or his representative, or the appropriate Surface Managing Agency.

7. **Other Information**

All loading lines will be placed inside the berm surrounding the tank battery.

All off-lease storage, off-lease measurement, or commingling on-lease or off-lease will have prior written approval from the AO.

The oil and gas measurement facilities will be installed on the well location. The oil and gas meters will be calibrated in place prior to any deliveries and tested for meter accuracy at least quarterly thereafter. The AO will be provided with a date and time for the initial meter calibration and all future meter proving schedules. A copy of the meter calibration reports will be submitted to the Vernal Field Office.

All meter measurement facilities will conform to Onshore Oil & Gas Order No. 4 for liquid hydrocarbons and Onshore Oil & Gas Order No. 5 for natural gas measurement.

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

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

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

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

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

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

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

Ed Forsman (435) 828-7874  
Petroleum Engineer

Kirk Fleetwood (435) 828-7875  
Petroleum Engineer

BLM FAX Machine (435) 781-4410

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

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

Unused fracturing fluids or acids

Gas plant cooling tower cleaning wastes

Painting wastes

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

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

Refinery wastes

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

Used equipment lubrication oils

Waste compressor oil, filters, and blowdown

Used hydraulic fluids

Waste solvents

Waste in transportation pipeline-related pits

Caustic or acid cleaners

Boiler cleaning wastes

Boiler refractory bricks

Incinerator ash

Laboratory wastes

Sanitary wastes

Pesticide wastes

Radioactive tracer wastes

Drums, insulation and miscellaneous solids

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

**DIVISION OF OIL, GAS AND MINING****SPUDDING INFORMATION**Name of Company: DOMINION EXPL & PROD INCWell Name: HCU 9-31FApi No: 43-047-35936 Lease Type: FEDERALSection 31 Township 10S Range 20E County UINTAHDrilling Contractor BILL JR'S DRILLING RIG # 10**SPUDDED:**Date 04/01/05Time 3:00 PMHow DRY**Drilling will Commence:** \_\_\_\_\_Reported by PAT WISENERTelephone # 1-435-828-1455 OR 435-823-1890Date 04/04/2005 Signed CHD

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

FORM 6

008

**ENTITY ACTION FORM**

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

**Well 1**

API Number	Well Name		QQ	Sec	Twp	Rng	County
43-047-35936	HCU 9-31F		NWSE	31	10S	20E	Uintah
Action Code	Current Entity Number	New Entity Number	Spud Date		Entity Assignment Effective Date		
AB	99999	12829	4/1/2005		4/14/05		
Comments: <u>mVRD = WSMVD</u>							<b>CONFIDENTIAL</b>

**Well 2**

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

**Well 3**

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

APR 11 2005

**ACTION CODES:**

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

Carla Christian

DIV. OF OIL, GAS & MINING

Name (Please Print)

Carla Christian

Signature

Regulatory Specialist

4/7/2005

Title

Date

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENT

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

009

**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)**                      43-047-35936

**4. Location of Well (Footage, Sec., T., R., M., or Survey Description)**  
 1799' FSL & 2167' FEL, NW/SE Sec. 31-10S-20E

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

**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 9-31F

**9. API Well No.**  
 43-047-35936

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

**11. County or Parish, State**  
 Uintah, UT

CONFIDENTIAL

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

TYPE OF SUBMISSION	TYPE OF ACTION		
<input type="checkbox"/> Notice of Intent	<input type="checkbox"/> Acidize	<input type="checkbox"/> Deepen	<input type="checkbox"/> Production (Start/Resume)
<input 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.)**

Spud well 4/1/05. 4/1/05 ran 12 jts. 13 3/8", 48#, H-40 csg., set @ 525'. Cemented w/500 sks Class G mixed @ 15.8 ppg, 1.18 yld., 13 bbls cmt. To surface.

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

Name (Printed/Typed)                      Carla Christian                      Title                      Regulatory Specialist

Signature                      *Carla Christian*                      Date                      04/11/2005

Approved by                      Title                      Date

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

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

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APR 13 2005

DIV. OF OIL, GAS & MINING



# FAX COVER

CONFIDENTIAL

010

To: Utah Division of Oil, Gas & Mining

Company : Utah Division of Oil, Gas & Mining

Fax Number : 18013593940

From : Terri Potter

Company : Dominion Exploration & Production

Fax Number : (405) 749-6657

Subject : HCU 9-31F *T105 R20E S-31 43-047-35936*

Pages including cover page: 4

Date : 4/27/2005

Time : 10:53:06 AM

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

RECEIVED  
 APR 2 / 2005  
 DIV. OF OIL, GAS & MINING



# WELL CHRONOLOGY REPORT

CONFIDENTIAL

**WELL NAME : HCU 9-31F**

DISTRICT : WESTERN

FIELD : NATURAL BUTTES 630

Event No: 1

LOCATION : 1799' FSL 2167' FEL SEC 31 T 10S R 20E

COUNTY &amp; STATE : UINTAH

UT

CONTRACTOR :

WM % : 1.00 AFE # : 0501196

API # : 43-047-35936

PLAN DEPTH : 8,337 SPUD DATE : 04/01/05

DHC : \$590,000

CWC : \$584,000

AFE TOTAL : \$1,174,000

FORMATION : WASATCH/ MESAVERDE

EVENT DC : \$531,714.00

EVENT CC : \$0.00

EVENT TC : \$531,714.00

WELL TOTL COST : \$531,714

**REPORT DATE: 04/05/05** MD : 550 TVD : 550 DAYS : MW : VISC :  
 DAILY : DC : \$87,503.00 CC : \$0.00 TC : \$87,503.00 CUM : DC : \$87,503.00 CC : \$0.00 TC : \$87,503.00  
 DAILY DETAILS : MIRU BILL JR. SPUD WELL @ 3:00PM ON 4/01/2005. DRILL 550' OF 17.5" HOLE. RUN 12 JT'S 13.375" 48# H-40  
 CSGN SET @ 525' CEMENT W/ 500 SKS CLASS G MIXED @ 15.8 PPG & 1.18 YLD. 13 BBLS CEMENT TO  
 SURFACE.

**REPORT DATE: 04/06/05** MD : 550 TVD : 550 DAYS : 1 MW : VISC :  
 DAILY : DC : \$26,600.00 CC : \$0.00 TC : \$26,600.00 CUM : DC : \$114,103.00 CC : \$0.00 TC : \$114,103.00  
 DAILY DETAILS : MIRU PATTERNSIN 104#. SET EQUIPMENT. FUNCTION TEST EQUIPMENT. REPLACE BREAK OUT CAT HEAD.

**REPORT DATE: 04/18/05** MD : 550 TVD : 550 DAYS : 1 MW : VISC :  
 DAILY : DC : \$26,600.00 CC : \$0.00 TC : \$26,600.00 CUM : DC : \$140,703.00 CC : \$0.00 TC : \$140,703.00  
 DAILY DETAILS : MIRU PATTERNSIN 104#. SET EQUIPMENT. FUNCTION TEST EQUIPMENT. REPLACE BREAK OUT CAT HEAD.

**REPORT DATE: 04/19/05** MD : 977 TVD : 970 DAYS : 2 MW : 8.5 VISC : 26  
 DAILY : DC : \$42,500.00 CC : \$0.00 TC : \$42,500.00 CUM : DC : \$183,203.00 CC : \$0.00 TC : \$183,203.00  
 DAILY DETAILS : REPLACE BREAK OUT CAT HEAD PU & MU DIRECTIONAL TOOLS & BHA.  
 TIH & MAGNAFLUX BHA. HVY WT DP TAG CEMENT @ 450' RIG UP DIRECTIONAL SURFACE EQUIPMENT.  
 TIGHTEN SURFACE LINES, RIG UP AUX EQUIPMENT. TAG CEMENT @ 450'. DRILL CEMENT, FLOAT & SHOE  
 TO 543'  
 DRILL A 12.25" HOLE W/ COMBINATION OF SLIDING & ROTATION AS DIRECTED BY RYAN ENG. PERSONEL.-  
 25K WOB

**REPORT DATE: 04/20/05** MD : 1,485 TVD : 1,447 DAYS : 3 MW : 8.6 VISC : 38  
 DAILY : DC : \$32,500.00 CC : \$0.00 TC : \$32,500.00 CUM : DC : \$215,703.00 CC : \$0.00 TC : \$215,703.00  
 DAILY DETAILS : DRILL 12.25" HOLE WITH A COMBINATION OF SLIDING & ROTATING AS DIRECTED BY WELL PLAN. FROM 977'  
 TO A DEPTH OF 1485' PUMP AT REDUCED RATE ( 250 / 350 GPM ) WITH 10/15% LCM & 41 VIS.  
 FISH PIPE SCREEN FROM PIPE. RIG UP FREE POINT TRUCK ESTABLISH FREE POINT. WAIT ON MWD FISHING  
 TOOL

**REPORT DATE: 04/21/05** MD : 1,485 TVD : 1,447 DAYS : 4 MW : 8.6 VISC : 41  
 DAILY : DC : \$66,704.00 CC : \$0.00 TC : \$66,704.00 CUM : DC : \$282,407.00 CC : \$0.00 TC : \$282,407.00  
 DAILY DETAILS : WAIT ON FISHING TOOLS FOR MWD. TIH W/ SAME UNABLE TO GET TO DEPTH W/ TOOLS TO RETRIEVE MWD  
 TOOL. FREE POINT BACK OFF PIPE @ TOP OF FIRST 6" DC. AS PER RYAN ENG. TOH W/ BACKED OFF PIPE.  
 RECOVERED 5 OF 6 ( 6" D.CLLRS). PU & MU. SCREW IN SUB, CIRC SUB, BS, HYD JARS. 5(6" DC).INTS. DP JARS  
 & WORK STUCK DRILL STRING @ 200K. MADE 2' FIRST 2 HOURS. W/ NO CIRC.  
 GAINED APROX 10% CIRCULATION , MADE 1.5'. LOST RETURNS. HYD. JARS FAILED. BS. STUCK OPEN. LOST  
 RETURNS. WORK STUCK DRILL STRING W/ NO JARS/BS. PUMP LOST CIRC PILLS. WAIT ON FREEPOINT.

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APR 2 / 2005



# WELL CHRONOLOGY REPORT

CONFIDENTIAL

**WELL NAME : HCU 9-31F**

DISTRICT : WESTERN

FIELD : NATURAL BUTTES 630

Event No: 1

LOCATION : 1799' FSL 2167 FEL SEC 31 T 10S R 20E

COUNTY &amp; STATE : UINTAH

UT

CONTRACTOR :

WM % : 1.00 AFE # : 0501196

API # : 43-047-35936

PLAN DEPTH : 8,337 SPUD DATE : 04/01/05

DHC : \$590,000

CWC : \$584,000

AFE TOTAL : \$1,174,000

FORMATION : WASATCH/ MESAVERDE

EVENT DC : \$531,714.00

EVENT CC : \$0.00

EVENT TC : \$531,714.00

WELL TOTL COST : \$531,714

REPORT DATE: 04/22/05 MD: 1,485 TVD: 1,447 DAYS: 5 MW: 8.9 VISC: 35  
 DAILY : DC : \$48,030.00 CC : \$0.00 TC : \$48,030.00 CUM : DC : \$330,437.00 CC : \$0.00 TC : \$330,437.00

DAILY DETAILS : ATTEMPT TO BACK OFF PIPE @ SCREW IN SUB. NO CAN DO. FREE POINT PIPE. FOUND 100% STUCK @ SCREW IN SUB. 40% DGAG TORQUE LOST THRU 6" DC. 3 ATTEMPTS @ BACK OFF TO BE SUCSEFULL BACK OFF IN THE CIRCULATING SUB.  
 LEFT CIRCULATING SUB & SCREW IN SUB INTOP OF ORGINAL FISH. TOH ( CHAINING ) CHECK EVERY BREAK. LAY DOWN FISHING ASSY. PU & MU NEW FISHING ASSY. ASS FOLLOWS: SCREW IN SUB. X-O,BS, X-O,HYD JARS, 5(6"DC), INTENSIFYER, 21JTS HVYWT DP. DP C & C HOLE @ 400 GPM / 90% RETURNS SCREW INTO FISH WORK FISH @ 200K W/ HYD JARS

REPORT DATE: 04/23/05 MD: 1,485 TVD: 1,447 DAYS: 6 MW: 8.7 VISC: 37  
 DAILY : DC : \$36,225.00 CC : \$0.00 TC : \$36,225.00 CUM : DC : \$366,662.00 CC : \$0.00 TC : \$366,662.00

DAILY DETAILS : WORK STRUCK PIPE W/ HYD JARS/BS COBINATION. RIG SERVICE CROWN TO GROUND PIN & SAFTEY PIN CHECK WORK STUCK PIPE W/ HYD JARS / BS COMBINATION CROWN TO GROUND, PIN & SAFTEY PIN CHECK WORK STUCK PIPE W/ HYD JARS / BS COMBINATION. RIG UP FREE POINT TRUCK. BACK OFF @ TOP OF 6" DC. 144' OF FISH REMAINING.  
 EST TOP OFF FISH IS 1330'  
 TOH W/ BACKED OF BHA. RECOVERED 1ST SCREW SUB. CIRCULATING SUB, 2ND SCREW SUB & ALL FISHING ASSY.

REPORT DATE: 04/24/05 MD: 1,485 TVD: 1,447 DAYS: 7 MW: 8.6 VISC: 39  
 DAILY : DC : \$20,700.00 CC : \$0.00 TC : \$20,700.00 CUM : DC : \$387,362.00 CC : \$0.00 TC : \$387,362.00

DAILY DETAILS : TOH FOR NEW BHA. PU 10.75" WASHOVER PIPE AND 8" BS, JARS, BHA. TIH W/ SAME RIG SERVICE & SFTEY MEETING BREAK CIRCULATION. WORK DOWN TO TOP OF FISH ( 6.25" DC ) @ 1335'. ROTATE AND WASH DOWN OVER TO A DEPTH OF 1397' @ ONE FOOT PER MIN. MAX RATE OF PENETRATION. CIRCULATE BTMS UP AND CONDITION HOLE TO A 41 VIS IN / OUT. RECOVERED ONLY SMALE SHALE / SAND FINES. PUMP PILL. PREPARE TO TOH. TOH W/ WASH PIPE AND BHA. SLOWLY TO PREVENT SWABBING. PU & MU 8" FISHING TOOLS AS FOLLOWS: SCREW IN SUB, BUMPER SUB, JARS, CIRC SUB, WT PIPE. INTENSIFYER. WT PIPE. DP BREAK CIRCULATION. SCREW INTO TOP OFF FISH ( 6.25"DC ). FOUND DRILL STRING PLUGGED. DID NOT EXCEDD CIRCULATING SUB PSI RATEING. WORK STUCK PIPE. RIG UP FREE POINT TRUCK. RUN A 2.3125" GAGUE RING UNABLE TO GET THRU 6.25" DC. RUN FREE POINT. FOUND 6.25" DC 45% FREE. 8" NMDC 90% STUCK @ 1390'. ALSO FOUND TOP OF MWD TOOL @ 1390'. BACK OFF BELOW 4.5" XH x 6.625" REG. CHANGE OVER. RECOVERED 6.25" DC. WITH CHANGE OVER. CIRCULATE BTMS UP. CHECK MUD CONDITION @ 41 VIS IN / OUT. TOH W/ FISH

REPORT DATE: 04/25/05 MD: 1,485 TVD: 1,447 DAYS: 8 MW: 8.9 VISC: 36  
 DAILY : DC : \$26,325.00 CC : \$0.00 TC : \$26,325.00 CUM : DC : \$413,687.00 CC : \$0.00 TC : \$413,687.00

DAILY DETAILS : TOH W/ FISH. RECOVERED 1- ( 6.25" DC ). 1- ( X-O ). LAY DOWN TOOLS.  
 PU & MU 90' OF. 10.75' WASH PIPE. BS / JARS. HVY WT DP. CIRCULATE, WASH DOWN TO FISH TOP @ 1369'. WASH DOWN OVER FISH FROM 1369' TO A DEPTH OF 1445' ( TORQUE INICATED TOP OF STABELIZER BLADES). COVERED 2-( 8" NMDC) MWD SUB, 8' (8"NMDC), SHOCK SUB & 1/2 STABELIZER.  
 CIRCULATE BTMS UP 3X. WAIT 30 MINS TAG BTM, NO FILL. TOH TOH W/ DRILL STRING, LAY DOWN WASH PIPE. & TOOLS. WAIT FOR REPLACEMENT X-O SUB ( GAULLED THREADS ) TIH W/ SCREW SUB / BUMPER SUB / JARS / INTEN / DRILL STRING BREAK CIRCUALTION. WASH INTO FISH TOP. SCREW INTO FISH. BREAK CIRCULATION 50% RETURNS. WORK STUCK PIPE @ 200K / JAR & BEAT ( WAIT ON BRADEN LINE TRUCK TO FISH MWD TOOL)

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## WELL CHRONOLOGY REPORT

CONFIDENTIAL

## WELL NAME : HCU 9-31F

DISTRICT : WESTERN

FIELD : NATURAL BUTTES 630

Event No: 1

LOCATION : 1799' FSL 2167' FEL SEC 31 T 10S R 20E

COUNTY &amp; STATE : UINTAH

UT

CONTRACTOR :

WI % : 1.00 AFE # : 0501196

API # : 43-047-35936

PLAN DEPTH : 8,337 SPUD DATE : 04/01/05

DHC : \$590,000

CWC : \$584,000

AFE TOTAL : \$1,174,000

FORMATION : WASATCH/ MESAVERDE

EVENT DC : \$531,714.00

EVENT CC : \$0.00

EVENT TC : \$531,714.00

WELL TOTL COST : \$531,714

REPORT DATE: 04/26/05 MD : 1,485 TVD : 1,447 DAYS : 9 MW : 9 VISC : 36  
 DAILY : DC : \$67,050.00 CC : \$0.00 TC : \$67,050.00 CUM : DC : \$480,737.00 CC : \$0.00 TC : \$480,737.00

DAILY DETAILS : WORK STUCK PIPE. JAR & SPUD @ 200K RIG UP SLICK LINE TRUCK. TIH W/ OVERSHOT & ON / OFF TOOL. MADE NUMEROUS ATTEMPTS & RECOVERED MWD TOOL. LAY DOWN SAME. RIG DOWN EQUIP. SPOT 15 BBL DIESEL @ EOT THRU TOP OF FISH. LET SOAK FOR 1 HOUR. SPOT SECOND PILL. LET SOAK WHILE JAR / SPUDING ON STUCK PIPE. RUN FREE POINT ON DRILL STRING. FOUND THE SS 100% STUCK / 8" MONEL 95% STUCK. 1/2-8" MONELS SHOWED 60% FREE. RIG UP KELLY. WORK STUCK PIPE MOSTLY IN A DOWNWARD MOTION WHILE CIRCULATING @ 500 GPM W/ 90 % RETURNS. ( COULD FEEL MUDMOTOR TURNING ) ATTEMPT TO BACK OFF IN THE TOP OF THE SOCK SUB. 2 TIMES UNSUCCESSFUL. MOVE UP TO THE NEXT BREAK ( MWD SUB ) SHOT OFF CHARGE. UNABLE TO TELL WHERE WE BACKED OFF DUE TO MONELS. TOH TOH ( CHAINING ). CHECK EVERY CONNECTION. RECOVERED 2- (8" FULL LENGTH MONELS). BUT NO MWD SUB. RIG SERVICE RIG DOWN BACK OFF TRUCK TIH W/ 6 5/8" SCREW IN SUB , BS / JARS. BHA.

REPORT DATE: 04/27/05 MD : 1,100 TVD : 1,080 DAYS : 10 MW : 8.7 VISC : 34  
 DAILY : DC : \$50,977.00 CC : \$0.00 TC : \$50,977.00 CUM : DC : \$531,714.00 CC : \$0.00 TC : \$531,714.00

DAILY DETAILS : TIH W/ SCREW SUB, BUMPER SUB, JARS, WT PIPE, INTEN. WT PIPE, DRILL PIPE. BREAK CIRCULATION. CLEAN UP HOLE. SCREW IN FISH TOP, TIGHTEN & TORQUE. PUMPED 775 BBL MUD @ 38 VIS & 15% LCM. @ 250 GPM 250 PSI. NO RETURNS ! WORK STUCK PIPE @ 200K W/ JARS NO MOVEMENT. RIG UP A FOAM / AIR UNIT. BLOW HOLE DRY. 675 PSI MAX. WORK STUCK PIPE @ 200K. UP & DOWN MOTION. NO MOVEMENT. BACK OUT OFF FISH MANUALLY. FILL HOLE W/ 33 VIS & 8.7 MUD. TOH W/ SAME. LEFT IN HOLE --- 12.25" TRI CONE BIT, 8" MUD MOTOR, 11.75" 3 BLADE REAMER, 8" SHOCK SUB. 8" MONEL DRILL COLLAR, MWD TOOL HANGER SUB. TOTAL LENGTH OF FISH IS 54.92' TOP OF FISH IS 1422'  
 TIH OPEN ENDED TAG FISH TOP @ 1422' C & C HOLE W/ 34 VIS & 8.7 PPG MUD. WAIT ON HALIBURTON TO CEMENT  
 RIG UP HALCO. PUMP 210 SKS OF CLASS G MIXED @ 15.8 PPG & 1.15 YLD, W/ 2 CACL2 & 1/4# SKS FLOCELE. 43 BBL SLURRY W/ EST 320' COVERAGE. EST CEMENT TOP @ 1102' PULL OUT OF CEMENT PLUG. 400' CIRCULATE WELL BORE CLEAR. TOH W/ DRILLSTRING, LAY DOWN THE HVY WT, & DRILL COLLARS, KELLY FOR INSPECTION.

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APR 2 / 2005

DIV. OF OIL, GAS &amp; MINING



# FAX COVER

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012

To: Utah Division of Oil, Gas & Mining

Company : Utah Division of Oil, Gas & Mining

Fax Number : 18013593940

From : Terri Potter

Company : Dominion Exploration & Production

Fax Number : (405) 749-6657

Subject : HCU 9-31F

*T/OG R20F 531*

*43-049-35936*

Pages including cover page: 2

Date : 5/4/2005

Time : 11:13:08 AM

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

Phone Number: (405) 749-5256

RECEIVED  
MAY 04 2005  
DIV. OF OIL, GAS & MINING



## WELL CHRONOLOGY REPORT

<b>WELL NAME : HCU 9-31F</b>		Event No: 1	
DISTRICT : WESTERN	FIELD : NATURAL BUTTES 630	LOCATION : 1799' FSL 2167' FEL SEC 31 T 10S R 20E	
COUNTY & STATE : UINTAH	UT	CONTRACTOR :	
WM % : 1.00     AFE # : 0501196	API # : 43-047-35936	PLAN DEPTH : 8,337	SPUD DATE : 04/01/05
DHC : \$590,000     CWC : \$584,000	AFE TOTAL : \$1,174,000	FORMATION : WASATCH/ MESAVERDE	
EVENT DC : \$748,707.00	EVENT CC : \$0.00	EVENT TC : \$748,707.00	WELL TOTL COST : \$748,707

<b>REPORT DATE:</b> 04/28/05	MD: 1,152	TVD: 1,152	DAYS: 11	MW: 8.6	VISC: 32
DAILY : DC : \$32,062.00	CC : \$0.00	TC : \$32,062.00	CUM : DC : \$563,776.00	CC : \$0.00	TC : \$563,776.00

DAILY DETAILS : WAIT ON CEMENT TIME TILL 10:00 PM. PU MU BHA DURING THIS TIME. ALSO MAGNUFLUX ALL CONN. TAG WHIPSTOCK PLUG. @ 1123'. BREAK CIRCULATION. SLIDE DRILL @ 1 FPH TO START BUILDING ANGEL

<b>REPORT DATE:</b> 04/29/05	MD: 1,256	TVD: 1,147	DAYS: 12	MW: 8.7	VISC: 39
DAILY : DC : \$26,885.00	CC : \$0.00	TC : \$26,885.00	CUM : DC : \$590,661.00	CC : \$0.00	TC : \$590,661.00

DAILY DETAILS : SLIDE DRILL @ 1INCH PER 3 MINS. @ 6K WOB. FROM ( 1152' TO 1175' ) ROTATE FROM 1175' TO 1241' W/ 20K WOB & 45 RPMS SURVEY PING SLIDE / TIME DRILL FROM 1241 TO 1256' @ 1INCH PER 4 MINS.

<b>REPORT DATE:</b> 04/30/05	MD: 1,282	TVD: 1,175	DAYS: 13	MW: 8.6	VISC: 31
DAILY : DC : \$59,711.00	CC : \$0.00	TC : \$59,711.00	CUM : DC : \$650,372.00	CC : \$0.00	TC : \$650,372.00

DAILY DETAILS : SLIDING FROM 1256' TO 1263' TOH W/ BHA. INCREASE BENT HOUSING FROM 1.5\* TO 2\* TIH W/ NEW BHA. ORIENT TOOLS. BREAK CIRCULATION. SLIDE DRILL FROM 1263' TO 1282' @ 1" PER 5 MINS.

<b>REPORT DATE:</b> 05/01/05	MD: 1,314	TVD: 1,234	DAYS: 14	MW: 8.7	VISC: 34
DAILY : DC : \$30,645.00	CC : \$0.00	TC : \$30,645.00	CUM : DC : \$681,017.00	CC : \$0.00	TC : \$681,017.00

DAILY DETAILS : SLIDE DRILL FROM 1282' TO A DEPTH OF 1291' RIG SERVICE SLIDE DRILL FROM 1291' TO A DEPTH OF 1306'. TOH W/ DRILL STRING. CHANGE OUT BITS TO A ROCK TOOTH BIT. CHECK MWD TOOLS. TIH W/ SAME BREAK CIRCULATION. TAG BTM ORIENT TOOLS SLIDE DRILL FROM 1306' TO A DEPTH OF 1314'

<b>REPORT DATE:</b> 05/02/05	MD: 1,425	TVD: 1,390	DAYS: 15	MW: 8.6	VISC: 32
DAILY : DC : \$23,720.00	CC : \$0.00	TC : \$23,720.00	CUM : DC : \$704,737.00	CC : \$0.00	TC : \$704,737.00

DAILY DETAILS : DRILLING FROM 1314' TO 1425' SLIDE DRILL TO 1377'. ROTARY DRILL TO 1425' AS DIRECTED BY RYAN ENG.

<b>REPORT DATE:</b> 05/03/05	MD: 1,820	TVD: 1,758	DAYS: 16	MW: 8.7	VISC: 38
DAILY : DC : \$22,395.00	CC : \$0.00	TC : \$22,395.00	CUM : DC : \$727,132.00	CC : \$0.00	TC : \$727,132.00

DAILY DETAILS : SLIDE DRILL FROM 1425' TO A DEPTH OF 1432' TOH W/ BHA. RESET MUD MOTOR TO A 1.5\* BEND. RERUN BIT # 2, 100% OKAY. INSPECT MWD TOOLS. TIH W/ 1.5\* MM, RERUN BIT #2, BHA. CHECK MWD TOOLS OKAY. DRILL FROM 1432' TO A DEPTH OF 1820' W/ COMBINATION OF SLIDING & ROTATION ( 1 - 3 RATIO ) SURVEY EVERY 30'.

<b>REPORT DATE:</b> 05/04/05	MD: 2,322	TVD: 2,212	DAYS: 17	MW: 8.7	VISC: 38
DAILY : DC : \$21,575.00	CC : \$0.00	TC : \$21,575.00	CUM : DC : \$748,707.00	CC : \$0.00	TC : \$748,707.00

DAILY DETAILS : DRILL DIRECTIONAL FROM 1820' TO A DEPTH OF 2322' FOLLOWING WELL BORE PLAN WIT A COMBINATION OF SLIDING & ROTATION ( 1 - 3 ) RATIO.

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MAY 04 2005

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.

**011**

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

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 9-31F**

9. API Well No.  
**43-047-35936**

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

11. County or Parish, State  
**Uintah, UT**

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)  
**1799' FSL & 2167' FEL, NW/SE Sec. 31-10S-20E**

CONFIDENTIAL

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

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

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

Due to drilling difficulties pump 210 sks of Class G cmt., 15.8 ppg, 1.15 yld, from 1422', (top of fish) to 1102'. Whipstock plug @ 1123'. Currently drilling @ 2322'.

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

**Carla Christian**

Title **Regulatory Specialist**

Signature

*Carla Christian*

Date **05/05/2005**

Approved by

Title

Date

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

Office

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

RECEIVED

MAY 09 2005

DIV. OF OIL, GAS & MINING

013



# FAX COVER

CONFIDENTIAL

To: Utah Division of Oil, Gas & Mining

Company : Utah Division of Oil, Gas & Mining

Fax Number : 18013593940

From : Terri Potter

Company : Dominion Exploration & Production

Fax Number : (405) 749-6657

Subject : HCU 9-31F *T10S R20F 9-31 43-047-35936*

Pages including cover page: 3

Date : 5/11/2005

Time : 1:34:10 PM

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

Phone Number: (405) 749-5256

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**MAY 11 2005**  
DIV. OF OIL, GAS & MINING



## WELL CHRONOLOGY REPORT

**WELL NAME : HCU 9-31F**

DISTRICT : WESTERN

FIELD : NATURAL BUTTES 630

Event No: 1

LOCATION : 1799' FSL 2167' FEL SEC 31 T 10S R 20E

COUNTY &amp; STATE : UINTAH

UT

CONTRACTOR :

WM % : 100.00 AFE # : 0501196

API # : 43-047-35936

PLAN DEPTH : 8,337 SPUD DATE : 04/01/05

DHC : \$590,000

CWC : \$584,000

AFE TOTAL : \$1,174,000

FORMATION : WASATCH/ MESAVERDE

EVENT DC : \$1,019,165.00

EVENT CC : \$0.00

EVENT TC : \$1,019,165.00

WELL TOTL COST : \$1,019,165

**REPORT DATE: 05/05/05** MD: 2,829 TVD: 2,669 DAYS: 18 MW: 8.6 VISC: 41  
 DAILY: DC: \$30,940.00 CC: \$0.00 TC: \$30,940.00 CUM: DC: \$779,647.00 CC: \$0.00 TC: \$779,647.00  
 DAILY DETAILS: DRILL W/ COMBINATION SLIDING / ROTATION FROM 2322' TO A DEPTH OF 2829'. (TD) C & C

**REPORT DATE: 05/06/05** MD: 2,829 TVD: 2,669 DAYS: 19 MW: VISC:  
 DAILY: DC: \$109,590.00 CC: \$0.00 TC: \$109,590.00 CUM: DC: \$889,237.00 CC: \$0.00 TC: \$889,237.00  
 DAILY DETAILS: TOH W/ DRILL STRING. LAY DOWN 8" COLLARS / MWD TOOL STRING & SS/ MM.  
 SERVICE RIG / RIG UP CSGN CREW HELD SAFTEY MEETING. RUN 65 JT'S 9.625" J-55 36# CSGN SET @  
 2823'/KB. LAND CSGN. BREAK CIRCULATION. RIG DOWN CSGN CREW. RIG UP HALCO. HELD SAFTEY  
 MEETING. CEMENT W/ 300 SKS LEAD CBM LITE CEMENT MIXED @ 10.5 PPG & 3.97 YLD. THEN 390 SKS G  
 MIXED @ 15.6 PPG & 1.20 YLD. DISPLACE W/ 213 BBLs 2% KCL BUMP PLUG. NOTE; LOST RETURNS @ 270  
 BBLs CEMENT GONE ( 2/3 WAY THRU TAIL CEMENT ) NO RETURNS ON DISPLACEMENT. PUMP @ 2.5 BPM W/  
 370 PSI LIFT PRESURE. BUMP PLUG TO 1000 PSI. plug would not hold. left 1,000 psi on head for 3 hours then bleed  
 off and held. 8 HOURS WAIT ON CEMENT TIME. NIPPLE UP BOP'S RUN CHOKE LINES PREPARE RIG FLOOR.  
 WAIT ON TESTER ( COW/ TRUCK COLLISION ) TEST THE FOLLOWING EQUIPMENT; 250 PSI LOW / 3000 PSI  
 HIGH TEST KELLY, TIW, DART VALVES.

**REPORT DATE: 05/07/05** MD: 3,748 TVD: 3,512 DAYS: 20 MW: 8.4 VISC: 26  
 DAILY: DC: \$23,995.00 CC: \$0.00 TC: \$23,995.00 CUM: DC: \$913,232.00 CC: \$0.00 TC: \$913,232.00  
 DAILY DETAILS: CHART TEST THE FOLLOWING TO 250 PSI LOW / 3000 PSI HIGH: CHOKE & MANIFOLD, HCR VALVE, PIPE/BLIND  
 RAMS. THE ANNULAR & 9.625" CSGN TO 1500 PSI. PU & MU 7.875" BIT, 1.5"MM, FLT SUB, MONEL'S KELLY UP  
 AND TEST MWD TOOLS & RESPONCE TIH TAG CEMENT @ 2778'  
 KELLY UP BREAK CIRCULATION / RIG SERVICE TAG CEMENT @ 2778' DRILL CEMENT, FLOAT COLLAR,  
 CEMENT, AND SHOE @ 2823'  
 DRILL 7.875" HOLE TO A DEPTH OF 2921' W/ 15K WOB & 55 RPMS FIT TEST. 1485 PSI EQUIVELENT @ 2925'  
 DRILL W/ A COMBINATION OF SLIDING & ROTATION A 7.875" HOLE TO A DEPTH OF 3748' ( 3-1 RATIO ON  
 ROTATION )

**REPORT DATE: 05/08/05** MD: 4,696 TVD: 4,445 DAYS: 21 MW: 8.4 VISC: 26  
 DAILY: DC: \$28,435.00 CC: \$0.00 TC: \$28,435.00 CUM: DC: \$941,667.00 CC: \$0.00 TC: \$941,667.00  
 DAILY DETAILS: DIRECTIONAL DRILL A 7.875" HOLE WITH COMBINATION ROTATION / SLIDING. FROM A DEPTH OF 3748' TO  
 4508'. ( 3 TO 1 RATIO ). RIG SERVICE, BOP FUNCTION TEST, C & C HOLE PUMP SWEEP. DIRECTIONAL DRILL A  
 7.875" HOLE WITH COMBINATION ROTATION / SLIDING. FROM 4508' TO A DEPTH OF 4696' ( 3 TO 1 RATIO )  
 CIRCULATE BTMS UP PUMP SWEEP / PILL TOH W/ DRILL STRING. LAY DOWN DIRECTIONAL BHA. PU & MU.  
 BIT, MM, 1-30' MONEL, 3 JT'S HVYWT DP. JARS. 13 JT'S HVYWT DP. AND DRILL STRING,

**REPORT DATE: 05/09/05** MD: 6,105 TVD: 5,852 DAYS: 22 MW: 8.4 VISC: 26  
 DAILY: DC: \$28,835.00 CC: \$0.00 TC: \$28,835.00 CUM: DC: \$970,502.00 CC: \$0.00 TC: \$970,502.00  
 DAILY DETAILS: CONT TO TIH W/ BHA. FILL PIPE BREAK CIRCULATION. WASH 40' TO BTM. DRILL 7.875" HOLE FROM 4696' TO A  
 DEPTH OF 5190' W/ 18K WOB & 70 RPMS WIRELINE SURVEY @ 5116' = 3\* & 169 AZ RIG SERVICE & BOP  
 FUNCTION TEST DRILL 7.875" HOLE FROM 5190' TO A DEPTH OF 5664' W/ 20K WOB & 65 RPMS WIRELINE  
 SURVEY @ 5594' = 3\* & 171 AZ DRILL A 7.875" HOLE FROM 5664' TO A DEPTH OF 6105' W/ 17 K WOB & 65 RPMS

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## WELL CHRONOLOGY REPORT

**WELL NAME : HCU 9-31F**

DISTRICT : WESTERN

FIELD : NATURAL BUTTES 630

Event No: 1

LOCATION : 1799' FSL 2167' FEL SEC 31 T 10S R 20E

COUNTY &amp; STATE : UINTAH

UT

CONTRACTOR :

WM % : 100.00 AFE # : 0501196

API # : 43-047-35936

PLAN DEPTH : 8,337 SPUD DATE : 04/01/05

DHC : \$590,000

CWC : \$584,000

AFE TOTAL : \$1,174,000

FORMATION : WASATCH/ MESAVERDE

EVENT DC : \$1,019,165.00

EVENT CC : \$0.00

EVENT TC : \$1,019,165.00

WELL TOTL COST : \$1,019,165

REPORT DATE: 05/10/05 MD: 7,526 TVD: 7,251 DAYS: 23 MW: 8.4 VISC: 26  
 DAILY: DC: \$22,563.00 CC: \$0.00 TC: \$22,563.00 CUM: DC: \$993,065.00 CC: \$0.00 TC: \$993,065.00

DAILY DETAILS: WIRELINE SURVEY @ 6062' = 2.5° & 174 AZ DRILL A 7.875" HOLE FROM 6105' TO A DEPTH OF 6545' W/ 20K WOB & 55 RPMS WIRELINE SURVEY @ 6475' = 3° & 173 AZ DRILL 7.875" HOLE FROM 6546' TO A DEPTH OF 6988' W/ 20 K WOB & 65 RPMS WIRELINE SURVEY @ 6918' = 1.75° & 182 AZ DRILL 7.875" HOLE FROM 6988' TO A DEPTH OF 7267' W/ 20K WOB & 65 RPMS RIG SERVICE & BOP FUNCTION TEST DRILL 7.875" HOLE FROM 7267' TO A DEPTH OF 7463' W/ 20K WOB & 65 RPMS WIRELINE SURVEY @ 7393' = 2.25° & 186 AZ DRILL A 7.875" HOLE FROM 7463' TO A DEPTH OF 7526' W/ 20 K WOB & 65 RPMS

REPORT DATE: 05/11/05 MD: 8,189 TVD: 7,952 DAYS: 24 MW: 8.7 VISC: 30  
 DAILY: DC: \$26,100.00 CC: \$0.00 TC: \$26,100.00 CUM: DC: \$1,019,165.00 CC: \$0.00 TC: \$1,019,165.00

DAILY DETAILS: DRILL 7.875" HOLE FROM 7526' TO A DEPTH OF 7968' W/ 20K WOB & 55 RPMS WIRELINE SURVEY @ 7918' = 2.25° & 201 AZ. RIG SERVICE & BOP FUNCTION TEST DRILL 7.875" HOLE FROM 7968' TO A DEPTH OF 8189' W/ 25K WOB & 55 RPMS. MAKING A CONECTION THE DP TWISTED IN TO 20JTS FROM SURFACE 2' BELOW BOX. WHEN IT PARTED THE STUMP JUMPED OUT OF SLIPS AND FELL 40' TO BTM. SCREW BACK INTO FISH TOH W/ 20 JT'S & 2' OF 21ST. WAIT ON FISHING TOOLS. CIRCULATE ACROSS TOP OF STACK. MAKE UP DRESSING MILL, 3' EXTENSION, GRAPPEL, 3' EXTENSION. PACK OFF, BS DP DRESS TOP OF FISH. LATCH ONTO SAME. PULL 40' OFF BTM & CIRCULATE WELL BORE CLEAN TO 9.0 PPG & 35 VIS.

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**Dominion**

# FAX COVER

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To: Utah Division of Oil, Gas & Mining

Company : Utah Division of Oil, Gas & Mining

Fax Number : 18013593940

From : Terri Potter

Company : Dominion Exploration & Production

Fax Number : (405) 749-6657

Subject : HCU 9-31F

*T105 R20E S-31*

*43-047-35936*

Pages including cover page: 3

Date : 5/18/2005

Time : 2:16:36 PM

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

Phone Number: (405) 749-5256

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MAY 18 2005  
DIV. OF OIL, GAS & MINING



# WELL CHRONOLOGY REPORT

CONFIDENTIAL

<b>WELL NAME : HCU 9-31F</b>		Event No: 1	
DISTRICT : WESTERN	FIELD : NATURAL BUTTES 630	LOCATION : 1799' FSL 2167' FEL SEC 31 T 10S R 20E	
COUNTY & STATE : UINTAH	UT	CONTRACTOR :	
WM % : 1.00	AFE # : 0501196	API # : 43-047-35936	PLAN DEPTH : 8,337
DHC : \$590,000	CWC : \$584,000	AFE TOTAL : \$1,174,000	SPUD DATE : 04/01/05
EVENT DC : \$1,232,385.00	EVENT CC : \$0.00	EVENT TC : \$1,232,385.00	WELL TOTL COST : \$1,232,385

<b>REPORT DATE:</b> 05/12/05	MD : 8,189	TVD : 7,952	DAYS : 25	MW : 9	VISC : 41
DAILY : DC : \$27,332.00	CC : \$0.00	TC : \$27,332.00	CUM : DC : \$1,046,497.00	CC : \$0.00	TC : \$1,046,497.00

DAILY DETAILS : KELLY UP AND WASH OVER FISH TOP W/ MILL GUIDE TO DRESS TWISTED OFF DP. WASH OVER AND LATCHED ONTO W/ OVERSHOT/PACKOFF. PICK FISH UP OFF BTM 30' AND C & C HOLE TO 41 VIS & 9.0 PPG. TOH W/ FISHING TOOLS AND LAY DOWN TWISTED OFF DP. C & C HOLE 41 / 9.0 PPG IN 37 9.0 PPG OUT. TOH W/ DRILL STRING. FOUND TIGHT SPOT @ 3191' BIT DEPTH. ROTATE / SPUD & JAR TO GAIN HOLE. 3' TOTAL. ROATED JAR BANG TO FREE UP DOWNWARD. SHORT TTRIP IN 1250' OF DP. KELLY UP WASH AND REAM 42' C & C HOLE. TOH TO TIGHT SPOT @ 3191' INSTALL 7.125' TAPERED STRING MILL. TIH W/ SAME TO 2800' MILL DEPTH. KELLY UP WASH AND REAM DEPTH FROM 2800' TO 3025'

<b>REPORT DATE:</b> 05/13/05	MD : 8,189	TVD : 7,952	DAYS : 26	MW : 9	VISC : 41
DAILY : DC : \$28,100.00	CC : \$0.00	TC : \$28,100.00	CUM : DC : \$1,074,597.00	CC : \$0.00	TC : \$1,074,597.00

DAILY DETAILS : WASH & REAM W/ STRING REAMER ( 7.125" ) FROM 3100' TO 3360' TOH TO TIGHT SPOT @ BIT DEPTH OF 3199' WORK TIGHT SPOT WORK TIGHT HOLE WITH ROTATION AND UPWARDS MOTION. USING JARS. RUN A FREE POINT. FOUND HEAVY WT DP ABOVE JARS 100% FREE. FOUND TOP 6" DRILL COLLAR 95% STUCK. HAD A LOSS OF 50% TORQUE BELOW CSGN SHOE. BACKED OFF THE STRING @ BTM OF THE FIRST HEAVY WT DP BELOW JARS. LEFT IN HOLE THE FOLLOWING: 2 JT'S HEAVY WT DP, 6-6" STEELE DRILL COLLARS, 1-6" MONEL DC, MM, BIT TOH W/ BACKED OFF BHA. FOUND TOP 17 JT'S HEAVY WT DP CORKED SCREWED. LAY DOWN JARS, 1 JT HWWT. PU & MU THE FOLLOWING BHA, SCREW IN SUB, BUMPER SUB, HYD JARS, 8- 6" DRILL COLLARS, INTENSFYER, DP TIH W/ SAME. CUT & SLIP 109' OF DRILL LINE BREAK CIRCULATION, SCREW INTO FISH.

<b>REPORT DATE:</b> 05/14/05	MD : 8,189	TVD : 7,952	DAYS : 27	MW : 9	VISC : 41
DAILY : DC : \$32,495.00	CC : \$0.00	TC : \$32,495.00	CUM : DC : \$1,107,092.00	CC : \$0.00	TC : \$1,107,092.00

DAILY DETAILS : KELLY UP BREAK CIRCULATION CONDITION MUD. 33 VIS & 9.0PPG SCREW INTO FISH TOP. START JARRING INA UPWARD MOTION @ 250K #S. EVERY HOUR DO A VISABLE DERRICK INSPECTION. AFTER 3 HOURS INSTALL SURFACE JARS AND BEAT INA DOWNWARD MOTION. 100 % CIRCULATION. NO FLUID LOSS. NO CUTTINGS RETURNED. NO MOVEMENT IN FISH. RIG UP FREE POINT TRUCK FOUND SEVER TORQUE LOSS PAST SCREW IN SUB. BACKED OFF IN TOP 6" DC. RECOVERED 2 JT'S OF HEAVY WT DP. FISH NO CONTAINS A; BIT, MM, 1 NON MAG & 6 STEELE DRILL COLLARS. TOP @ 2963'. TOH W/ DRILL STRING / FISHING ASSY / AND FISH WITH NO ROTATION. LAY DOWN FISH AND TOOLS. PU & MU FISHING TOOLS. INSTALL NEW JARS, BS, INTFY. TIH W/ DRILL STRING. TIGHTEN EVERY CONECTION W/ DOUBLE TONGS ON TIH.

<b>REPORT DATE:</b> 05/15/05	MD : 8,189	TVD : 7,952	DAYS : 28	MW : 9	VISC : 32
DAILY : DC : \$32,637.00	CC : \$0.00	TC : \$32,637.00	CUM : DC : \$1,139,729.00	CC : \$0.00	TC : \$1,139,729.00

DAILY DETAILS : TIH W/ SCREW SUB,BS,JARS BHA. BREAK CIRCULATION. SCREW INTO FISH TOP @ 2963' JAR UPWARD MOTION @ 250K FOR 2 HOURS THEN INSTALL SURFACE FARS AND JARS DOWNWARDS FOR 1 HOUR. NO MOVEMENT, RUN A FREE POINT AND BACK OFF @ SCREW IN SUB AT FISH TOP @ 2963' TOH LAY DOWN FISHING TOOLS

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DIV. OF OIL, GAS & MINING



## WELL CHRONOLOGY REPORT

CONFIDENTIAL

<b>WELL NAME : HCU 9-31F</b>		Event No: 1	
DISTRICT: WESTERN	FIELD: NATURAL BUTTES 630	LOCATION: 1799' FSL 2167' FEL SEC 31 T 10S R 20E	
COUNTY & STATE: UINTAH	UT	CONTRACTOR:	
WM %: 1.00	AFE #: 0501196	API #: 43-047-35936	PLAN DEPTH :8,337      SPUD DATE : 04/01/05
DHC: \$590,000	CWC: \$584,000	AFE TOTAL: \$1,174,000	FORMATION: WASATCH/ MESAVERDE
EVENT DC: \$1,232,385.00	EVENT CC: \$0.00	EVENT TC: \$1,232,385.00	WELL TOTL COST: \$1,232,385

<b>REPORT DATE: 05/16/05</b>	MD: 8,189	TVD: 7,952	DAYS: 29	MW: 9	VISC: 32
DAILY: DC: \$38,940.00	CC: \$0.00	TC: \$38,940.00	CUM: DC: \$1,178,669.00	CC: \$0.00	TC: \$1,178,669.00

DAILY DETAILS: TIH W/ WASH OVER PIPE & BHA. WASH OVER FISH TOP @ 2963'. WASH & REAM TO A DEPTH OF 3094'. SHORT TRIP INTO CSGN AND WAIT 1 HOUR. WASH OVER FISH TOP @ 2963'. WASH DOWN TO PREVIOUS DEPTH OF 3094' NO TORQUE OF FILL. TOH W/ DRILL STRING AND BHA. LAY DOWN WASH PIPE. PU & MU SCREWSUB, BS, JARS, 8-6" DC. INTFY, DP TIH W/ SAME. BREAK CIRCULATION, SCREW INTO FISH. RIG UP FREE POINT TRUCK RUN FREE POINT. DETERMINED THAT FREE TO WASH DEPTH. BACK OFF 4-6" DRILL COLLARS @ 3087'. NEW FISH TOP IS 3087' CIRCULATE WELL BORE BTMS UP TOH W/ DRILL STRING TO FISH TOP. LAY DOWN RECOVERED DRILL COLLARS. PU 4 JT'S 7.375" WASH PIPE W/ SHOE. BS, JARS, 8-6" DC, INTFY, DRILL STRING

<b>REPORT DATE: 05/17/05</b>	MD: 8,189	TVD: 7,952	DAYS: 30	MW: 9	VISC: 32
DAILY: DC: \$26,817.00	CC: \$0.00	TC: \$26,817.00	CUM: DC: \$1,205,486.00	CC: \$0.00	TC: \$1,205,486.00

DAILY DETAILS: TIH W/ WASH PIPE 4 JT'S & SHOE WASH & REAM OVER FISH TOP @ 3087'. MADE 6' MADE A CONECTION THEN UNABLE TO GET BACK OVER TOP. TOH W/ WASH PIPE. FOUND LOST BTM JT OF WASH PIPE ( SUSPECTED SWELLED COLLAR / CONECTION ) WAIT ON A SPEAR. TIH W/ SPEAR WASH DOWN TO ORIGINAL FISH TOP @ 3089' LATCH INTO WASH PIPE JT. TOH LAY DOWN STRING OF WASH PIPE PLUS THE FISHED JT. FOUND SWELLED COLLAR PIN COMBO. PU & MU 34 JT'S NEW WASH PIPE W/ SHOE TIH W/ SAME, BS, JARS, 2-6" DC, DRILL STRING

<b>REPORT DATE: 05/18/05</b>	MD: 8,189	TVD: 7,952	DAYS: 31	MW: 9	VISC: 32
DAILY: DC: \$26,899.00	CC: \$0.00	TC: \$26,899.00	CUM: DC: \$1,232,385.00	CC: \$0.00	TC: \$1,232,385.00

DAILY DETAILS: WASH & REAM OVER FISH TOP @ 3087'. TO A DEPTH OF 3125'. PULL OFF FISH TOP TO MAKE A CONNECTION AND WAS UNABLE TO GET BACK OVER FISH TOP. TOH W/ DRILL STRING & WASH PIPE. FOUND DAMAGED SHOE. INSTALL NEW SHOE. TIH W/ WASH PIPE AND DRILL STRING. WASH OVER FISH TOP @ 3087' WASH AND REAM FROM 3090' TO 3125' ATTEMPTED TO SPACE OUT TO MAKE A CONNECTION WITH OUT PULLING OFF FISH TOP. LACKED 1.5' OF ROOM. PULL OFF FISH TOP MAKE A CONNECTION UNABLE TO GET BACK OVER. TOH W/ DRILL STRING & BHA. FOUND WASH SHOE W/ NO DAMAGE. INSTALL HEAVY WASH SHOE ( 6.25' X 7.75' ) TIH W/ SAME. & DRILL STRING WASH & MILL ON FISH TOP @ 3087' W/ SLOW ROTATION AND LIGHT WEIGHT. MADE 1' SHOWED SIGNS OF TORQUE. TOH W/ DRILL STRING & WASH PIPE. FOUND SHOE HAD CUT 2/3 DIAMETER OF 6.125" MU 7.75' OVERSHOT W/ 6.125" GRAPPLE, 3' EXTENTION, BS, JARS, CIRCULATING SUB, 8-6" DC, INTENSIFIER, & DRILL STING..

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MAY 18 2005

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.**

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

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 9-31F**

9. API Well No.  
**43-047-35936**

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

11. County or Parish, State  
**Uintah, UT**

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)  
**1799' FSL & 2167' FEL, NW/SE Sec. 31-10S-20E**

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

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

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

5/5/05 ran 65 jts. 9 5/8", J-55, 36# csg., set @ 2823'. Cemented lead w/300 sks CBM Lite mixed @ 10.5 ppg, 3.97 yld., tailed w/390 sks G mixed @ 15.6 ppg, 1.20 yld. Note: Lost returns @ 270 bbls cmt gone (2/3 way thru tail cmt) no returns on displacement. Bump plug to 1000 psi, plug would not hold. Left 1,000 psi on head for 3 hrs., then bleed off and held, 8 hours wait on cmt time. 5/18/05 TIH w/Free point tools, unable to get past fish top @ 3087'. Jar on stuck drill string @ 240k.

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

Name (Printed/Typed)                      Title  
**Carla Christian**                                      **Regulatory Specialist**

Signature                      Date  
*Carla Christian*                                      **05/19/2005**

Approved by                      Title                      Date

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

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

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MAY 23 2005

DIV. OF OIL, GAS & MINING



# FAX COVER

CONFIDENTIAL

To: Utah Division of Oil, Gas & Mining

Company : Utah Division of Oil, Gas & Mining

Fax Number : 18013593940

From : Terri Potter

Company : Dominion Exploration & Production

Fax Number : (405) 749-6657

Subject : HCU 9-31F *T105 R20E S-31 43-042-35936*

Pages including cover page: 3

Date : 5/25/2005

Time : 2:34:12 PM

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

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MAY 25 2005

DIV. OF OIL, GAS & MINING



# WELL CHRONOLOGY REPORT

05/19/05

**WELL NAME : HCU 9-31F**

Event No: 1

DISTRICT : WESTERN

FIELD : NATURAL BUTTES 630

LOCATION : 1799' FSL 2167' FEL SEC 31 T 10S R 20E

COUNTY &amp; STATE : UINTAH

UT

CONTRACTOR :

WM % : 100.00 AFE # : 0501196

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PLAN DEPTH : 8,337 SPUD DATE : 04/01/05

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CWC : \$584,000

AFE TOTAL : \$1,174,000

FORMATION : WASATCH/ MESAVERDE

EVENT DC : \$1,442,059.00

EVENT CC : \$0.00

EVENT TC : \$1,442,059.00

WELL TOTL COST : \$1,442,059

REPORT DATE: 05/19/05 MD : 8,189 TVD : 7,952 DAYS : 32 MW : 8.6 VISC : 28  
 DAILY : DC : \$25,100.00 CC : \$0.00 TC : \$25,100.00 CUM : DC : \$1,257,485.00 CC : \$0.00 TC : \$1,257,485.00

DAILY DETAILS : WORK OVER FISH TOP @ 3087'. OVERSHOT PULLED OFF. 3X TIMES. TOH TO REPLACE OVERSHOT & GRAPPLE. MU NEW GRAPPLE & BODY. TIH W/ SAME. WORK OVER FISH TOP @ 3087' JAR @ 240K. RIG UP FREE POINT TRUCK. TIH W/ FREE POINT TOOLS. UNABLE TO GET PAST FISH TOP @ 3087'. TIH W/ 1.78 SPUD BAR ON WIRELINE. UNABLE TO GET PAST. TIH W/ 3/4" SPEAR POINT. UNABLE TO GET PAST. JAR ON STUCK DRILL STRING @ 240K

REPORT DATE: 05/20/05 MD : 8,189 TVD : 7,952 DAYS : 33 MW : 8.8 VISC : 29  
 DAILY : DC : \$31,100.00 CC : \$0.00 TC : \$31,100.00 CUM : DC : \$1,288,585.00 CC : \$0.00 TC : \$1,288,585.00

DAILY DETAILS : WORK & JAR ON STUCK FISH. RELEASE FISH. TOH LAY DOWN TOOLS. PU & MU WASH PIPE, JARS. TIH W/ SAME. WORK OVER FISH TOP @ 3087'. WASH OVER FISH TOP @ 3087'. WASH & REAM DOWN TO 3150' W/ EASE. WASH & REAM FROM 3157' TO 3157' SLOWLY W/ TORQUE. @ 3157' FISH FELL AWAY. WASH DOWN TO 3196'. TOH LAY DOWN FISHING TOOLS & WASH PIPE. SHOE SHOWED NO WEAR. PU & MU OVERSHOT, BS, JARS. 2-6" DC. TIH W/ DRILL STRING. TAG FISH @ 3950'. KELLY UP. CIRCULATE WELL BORE GAS CLEAR. CONDITION MUD. WORK ON TOP OF FISH. FISH FELL AWAY. TIH W/ DRILL STRING. PUSHING FISH AHEAD OF DRILL STRING INTERMITTINGLY.

REPORT DATE: 05/21/05 MD : 8,189 TVD : 7,952 DAYS : 34 MW : VISC :  
 DAILY : DC : \$22,342.00 CC : \$0.00 TC : \$22,342.00 CUM : DC : \$1,310,927.00 CC : \$0.00 TC : \$1,310,927.00

DAILY DETAILS : CIRCULATE HOLE BTMS UP AND CLEAN UP. TOH W/ OVERSHOT. HAD TO KELLY OUT THROUGH TIGHT SPOTS. EXTREMELY TIGHT THRU 4400' TO 3300'. PU & MU 7.875" ROLLER CONE BIT. & BIT SUB. TIH HOLE TO 4400' WITH NO PROBLEMS. C & C HOLE. WASH & REAM WITH LIGHT WEIGHT & HIGH ROTATION. FROM 4400' TO A DEPTH 5460' WELL IS GIVING UP HIGH AMOUNTS OF SMALL SHALE CUTTINGS.

REPORT DATE: 05/22/05 MD : 8,189 TVD : 7,952 DAYS : 35 MW : 9 VISC : 37  
 DAILY : DC : \$17,385.00 CC : \$0.00 TC : \$17,385.00 CUM : DC : \$1,328,312.00 CC : \$0.00 TC : \$1,328,312.00

DAILY DETAILS : TIH & WORK 270' OF PIPE TO A DEPTH OF 5670' WASH & REAM IN SINGLES DOWN TO 6550'. TAGED UP ON FISH TOP. CIRCULATE WELL BORE CLEAN. 37 VIS & 9.1 PPG BOTH WAYS. TOH W/ DRILL BIT. LAY DOWN EXCESS DRILL PIPE FROM DERRICK. MU FISH TOOL ASSY. OVERSHOT, BUMPER SUB, JARS, CIRCULATING SUB, 6- 6.25" DC/ DRILL PIPE. TIH TO CSGN SHOE. SLIP & CUT DRILL LINE. TIH W/ FISHING TOOLS TO FISH TOP & BREAK CIRCULATION.

REPORT DATE: 05/23/05 MD : 8,189 TVD : 7,952 DAYS : 36 MW : 9.1 VISC : 36  
 DAILY : DC : \$18,655.00 CC : \$0.00 TC : \$18,655.00 CUM : DC : \$1,346,967.00 CC : \$0.00 TC : \$1,346,967.00

DAILY DETAILS : CONT TO TIH W/ FISHING ASSY. BREAK CIRCULATION GET BTMS UP. WORK OVER FISH TOP @ 6550'. RELEASED DOWN HOLE. WASH DOWN HOLE TAG SECOND TIME SOLID @ 7177'. CIRCULATE BTMS UP. WASH & REAM DOWN HOLE. TAGGED UP SOLID @ 7530'. UNABLE TO WASH DEEPER. UNABLE TO WASH OVER FISH TOP @ 7530' ?. CIRCULATE BTMS UP. TOH W/ DRILL STRING & FISHING ASSY. FOUND TIGHT SPOT @ 4271'. LAY DOWN FISHING ASSY. PU & MU 7.875" BIT, SUB, DP. TIH W/ SAME. KELLY UP AND WASH REAM TIGHT SPOT FROM 4250' THRU 4292. CONT TIH TO A DEPTH OF 7143'. BREAK CIRCULATION. 36/ 9.1 PPG IN 35/9.0 OUT.

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MAY 25 2005



# WELL CHRONOLOGY REPORT

CONFIDENTIAL

**WELL NAME : HCU 9-31F**

DISTRICT : WESTERN

FIELD : NATURAL BUTTES 630

Event No: 1

LOCATION : 1799' FSL 2167' FEL SEC 31 T 10S R 20E

COUNTY &amp; STATE : UINTAH

UT

CONTRACTOR :

VM % : 100.00 AFE # : 0501196

API # : 43-047-35936

PLAN DEPTH : 8,337

SPUD DATE : 04/01/05

DHC : \$590,000

CWC : \$584,000

AFE TOTAL : \$1,174,000

FORMATION : WASATCH/ MESAVERDE

EVENT DC : \$1,442,059.00

EVENT CC : \$0.00

EVENT TC : \$1,442,059.00

WELL TOTL COST : \$1,442,059

REPORT DATE: 05/24/05

MD : 8,189

TVD : 7,952

DAYS : 37

MW : 9.1

VISC : 37

DAILY : DC : \$50,365.00

CC : \$0.00

TC : \$50,365.00

CUM : DC : \$1,397,332.00

CC : \$0.00

TC : \$1,397,332.00

DAILY DETAILS : WASH & REAM W/ 7.875" BIT. FROM 7150' TO A DEPTH OF 7550'. TAGGED FISH TOP. PUSH / WASH TO A DEPTH OF 7566'. UNABLE TO PUSH DEEPER. CIRCULATE BTMS UP CLEAN. TOH W/ DRILL STRING & BHA. LAY DOWN BIT. RIG SERVICE. OIL CHANGE. DERRICK INSPECTION. MU OVERSHOT, BUMPER SUB, JARS, BHA. TIH WITH SAME TO A DEPTH OF 7530'. CIRCULATE WELL BORE CLEAR. WORK OVER FISH TOP @ 7566'. PUSHED FISH TOP TO A DEPTH OF 7572'. UNABLE TO LATCH ON TO FISH. CIRCULATE WELL BTMS UP & CLEAN. TOH LAY DOWN OVERSHOT ASSY. SMALL GOUGE IN FIRST 3" OF GUIDE. MU WASH PIPE. SHOE & BHA. TIH W/ SAME.

REPORT DATE: 05/25/05

MD : 8,189

TVD : 7,952

DAYS : 38

MW : 9.3

VISC : 37

DAILY : DC : \$44,727.00

CC : \$0.00

TC : \$44,727.00

CUM : DC : \$1,442,059.00

CC : \$0.00

TC : \$1,442,059.00

DAILY DETAILS : TIH W/ WASH PIPE. TAG UP @ 7572'. BREAK CIRCULATION. TRY TO WASH OVER FISH TOP @ 7572'. TOW WITH WASH PIPE. SHOE SHOWED NO WEAR ( 95% ) INTACT. WAIT ON A JUNK MILL TO BE BUILT AND DELIVERED. TIH W/ JUNK MILL & BHA. TAG UP @ 7572'. WASH & REAM @ 7572'. MADE MADE 2' THEN FELL AWAY. WASH & REAM DOWN HOLE TO A DEPTH OF 7722'. INTERMITEN WASH REAM , PUSHING.

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MAY 25 2005

DIV. OF OIL, GAS & MINING



# FAX COVER

CONFIDENTIAL

To: Utah Division of Oil, Gas & Mining

Company : Utah Division of Oil, Gas & Mining

Fax Number : 18013593940

From : Terri Potter

Company : Dominion Exploration & Production

Fax Number : (405) 749-6657

Subject : HCU 9-31F *T105 R20E S-31 43-047-35936*

Pages including cover page: 2

Date : 6/1/2005

Time : 11:08:36 AM

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

RECEIVED  
 JUN 01 2005  
 DIV. OF OIL, GAS & MINING



## WELL CHRONOLOGY REPORT

CONFIDENTIAL

<b>WELL NAME : HCU 9-31F</b>		Event No: 1	
DISTRICT : WESTERN	FIELD : NATURAL BUTTES 630	LOCATION : 1799' FSL 2167' FEL SEC 31 T 10S R 20E	
COUNTY & STATE : UINTAH	UT	CONTRACTOR :	
WM % : 100.00 AFE # : 0501196	API # : 43-047-35936	PLAN DEPTH : 8,337	SPUD DATE : 04/01/05
DHC : \$590,000	CWC : \$584,000	FORMATION : WASATCH/ MESAVERDE	
EVENT DC : \$1,688,985.00	EVENT CC : \$0.00	EVENT TC : \$1,688,985.00	WELL TOTL COST : \$1,688,985

<b>REPORT DATE: 05/26/05</b>	MD : 8,189	TVD : 7,952	DAYS : 39	MW : 9	VISC : 41
DAILY : DC : \$20,012.00	CC : \$0.00	TC : \$20,012.00	CUM : DC : \$1,462,071.00	CC : \$0.00	TC : \$1,462,071.00

DAILY DETAILS: WASH & REAM W/ JUNK MILL TO A DEPTH OF 7741'. C & C HOLE BTMS UP. TOH W/ JUNK MILL & BHA. JUNK MILL BTM PATTERN SHOWED NO CONTACT W/ FISH TOP. RIG SERVICE, BOP DRILL, THEN BOP FUNCTION TEST. PU & MU 7.875" ROCK BIT, 6-DC. JARS, DP. TAG UP @ 7741' WASH & REAM TO A DEPTH OF 7846'. HARD @ 7846' WORK ON HARD SPOT. TOH W/ BIT & BHA. BIT PATTERN SHOWED 6" DC BOX. MU WASH PIPE & SHOE. TIH W/ SAME.

<b>REPORT DATE: 05/27/05</b>	MD : 8,189	TVD : 7,952	DAYS : 40	MW : 9.1	VISC : 42
DAILY : DC : \$29,537.00	CC : \$0.00	TC : \$29,537.00	CUM : DC : \$1,491,608.00	CC : \$0.00	TC : \$1,491,608.00

DAILY DETAILS: TIH W/ WASH PIPE & BHA. WASH OVER FISH TOP @ 7846'. WASH DOWN TO 7907' W/ EASE. WASH DOWN TO 7907' WITH TORQUE PROBLEMS. PUMP SWEEP. CIRCULATE BTMS UP. TOH W/ DRILL STRING & WASH PIPE. SLIP & CUT DRILL LINE. RIG SERVICE & BOP FUNCTION TEST. BOP DRILL. WORK ON MAIN DRUM BRAKE SYSTEM. TIH W/ FRESH SHOE & WASH PIPE. WORK OVER FISH TOP @ 7846'. WASH TO 7909' W/ EASE. WASH TO 7910' WITH TORQUE PROBLEMS. WASH TO 7915' SLOWLY.

<b>REPORT DATE: 05/28/05</b>	MD : 8,189	TVD : 7,952	DAYS : 41	MW : 9.2	VISC : 41
DAILY : DC : \$17,290.00	CC : \$0.00	TC : \$17,290.00	CUM : DC : \$1,508,898.00	CC : \$0.00	TC : \$1,508,898.00

DAILY DETAILS: WASH OVER FISH FROM 7909' TO A DEPTH OF 7965' (3-7' FROM BIT). CIRCULATE AND CONDITION HOLE TOH W/ DRILL STRING & BHA. LAY DOWN WASH PIPE & ASSY. PU & MU FISHING TOOLS ASSY. TIH W/ SAME. BREAK CIRCULATION. WASH OVER FISH TOP. LATCH ONTO FISH. JAR FISH LOOSE @ 325K. CAME FREE ON 7TH HIT. TRY TO MOVE FISH DOWN HOLE. UNABLE. TOH W/ FISH & DRILL STRING. LAY DOWN FISH ASSY, & FISH( 3 DC, 1 MM, 1 PDC. )

<b>REPORT DATE: 05/29/05</b>	MD : 8,189	TVD : 7,952	DAYS : 42	MW : 9.2	VISC : 38
DAILY : DC : \$20,840.00	CC : \$0.00	TC : \$20,840.00	CUM : DC : \$1,529,738.00	CC : \$0.00	TC : \$1,529,738.00

DAILY DETAILS: LAY DOWN FISHING ASSY. LAY DOWN FISH, 2-6.25" DRILL COLLARS, 1-6.375" MONEL DRILL COLLAR. MUD MOTOR, PDC BIT. PU & MU 7.875" TRI CONE BIT. TIH W/ SAME. BREAK CIRCULATION @ 7706'. WASH & REAM FROM 7706' TO A DEPTH OF 8168'. HARD DRILLING FROM 7960' TO 7975'. RECOVERD HEAVY SHALE CUTTINGS FROM 8005' THRU 8100'. CIRCULATE WELL BORE CLEAN. RECOVERED HEAVY SHALE. RAISED VIS FROM 38 TO 41. RIG UP LAY DOWN EQUIPMENT. LAY DOWN DRILL STRING.

<b>REPORT DATE: 05/30/05</b>	MD : 8,086	TVD : 7,831	DAYS : 43	MW :	VISC :
DAILY : DC : \$159,247.00	CC : \$0.00	TC : \$159,247.00	CUM : DC : \$1,688,985.00	CC : \$0.00	TC : \$1,688,985.00

DAILY DETAILS: LAY DOWN DRILL STRING & BHA. RIG UP CSGN CREW. RUN 193 JT'S 5.5" 17#. N-80 CSGN SET @ 8086'/KB' TAGGED UP W/ CSGN @ 7906'. CIRCULATE DOWN TO 8086'/KB. UNABLE TO GET DEEPER. CEMENT W/ 115 SKS LEAD CEMENT MIXED @ 11.6 PPG & 3.12YLD. THEN 975 SKS TAIL CEMENT MIXED @ 13.0 PPG & 1.69 YLD. DISPLACE W/ 187 BBLs 2% KCL. PLUG DOWN @ 11:00 PM. NIPPLE DOWN BOP'S & DROP CSGN SLIPS @ 86K. CLEAN PITS. RIG DOWN RELEASE RIG @ 4:00 AM ON 5/30/05

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JUN 01 2005

DIV OF OIL, GAS &amp; MINING

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENT

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

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

1. Type of Well

Oil Well  Gas Well  Other

CONFIDENTIAL

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)

1799' FSL & 2167' FEL, NW/SE Sec. 31-10S-20E

5. Lease Serial No.

U-30693

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 9-31F

9. API Well No.

43-047-35936

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

Notice of Intent

Subsequent Report

Final Abandonment Notice

Acidize

Altering Casing

Casing Repair

Change Plans

Convert to Injection

Deepen

Fracture Treat

New Construction

Plug and Abandon

Plug Back

Production (Start/Resume)

Reclamation

Recomplete

Temporarily Abandon

Water Disposal

Water Shut-Off

Well Integrity

Other

Drilling Operations

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

5/29/05 ran 193 jts., 5 1/2", 17#, N-80 csg., set @ 8086'. Cemented lead w/115 sks Hi-Fill V, 3.12 cuft/sk, 11.6 ppg, tailed w/975 sks HLC V, 1.69 cuft/sk, 13.0 ppg. Clean pits, released rig 5/30/05.

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

Name (Printed/Typed)

Carla Christian

Title Regulatory Specialist

Signature

Carla Christian

Date 06/9/2005

Approved by

Title

Date

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

Office

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

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JUN 13 2005



# FAX COVER

CONFIDENTIAL

To: Utah Division of Oil, Gas & Mining

Company : Utah Division of Oil, Gas & Mining

Fax Number : 18013593940

From : Terri Potter

Company : Dominion Exploration & Production

Fax Number : (405) 749-6657

Subject : HCU 9-31F *T 105 R 20E S-31 43-047-35936*

Pages including cover page: 3

Date : 6/15/2005

Time : 10:52:52 AM

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

Phone Number: (405) 749-5256

RECEIVED  
 JUN 15 2005  
 DIV. OF OIL, GAS & MINING



# WELL CHRONOLOGY REPORT

CONFIDENTIAL

**WELL NAME : HCU 9-31F**

DISTRICT : WESTERN

FIELD : NATURAL BUTTES 630

Event No: 1

LOCATION : 1799' FSL 2167' FEL SEC 31 T 10S R 20E

COUNTY &amp; STATE : UINTAH

UT

CONTRACTOR :

WI % : 100.00 AFE # : 0501196

API # : 43-047-35936

PLAN DEPTH : 8,337

SPUD DATE : 04/01/05

DHC : \$590,000

CWC : \$584,000

AFE TOTAL : \$1,174,000

FORMATION : WASATCH/ MESAVERDE

EVENT DC : \$1,762,585.00

EVENT CC : \$180,016.00

EVENT TC : \$1,942,601.00

WELL TOTL COST : \$2,039,467

REPORT DATE: 06/10/05

MD : 8,086

TVD : 7,831

DAYS : 44

MW :

VISC :

DAILY : DC : \$17,550.00

CC : \$26,050.00

TC : \$43,600.00

CUM : DC : \$1,745,035.00

CC : \$26,050.00

TC : \$1,771,085.00

DAILY DETAILS : PERFORATE AND FRAC STAGES #1 THRU #3. SHUT WELL IN OVERNIGHT.

06-09-2005 HCU 9-31F. MIRU SCHLUMBERGER frac equipment, tested lines to 7000 psi. Held safety meeting with all personnel. Quality control on gel & breaker systems with on-site lab was verified. RIH and perforate interval #1 @ 7916-48, 7966-88', 1 spf, 56 holes. Frac'd Mesa Verde Interval # 1, with 47,12169,180# 20/40 PR6000 sand. Pumped frac at an average rate of 28.5 bpm, using 374.8 mscf of N2 and 841.5 bbls of fluid. Average surface treating pressure was 4199 psi with sand concentrations stair stepping from 1.0 ppg to 4.0 ppg.

6992 gallons Pad YF120ST/N2 gel.

3523 gallons YF120ST/N2 pumped @ 1.0 ppg sand concentration.

4918 gallons YF120ST/N2 pumped @ 2.0 ppg sand concentration.

6311 gallons YF120ST/N2 pumped @ 3.0 ppg sand concentration.

4799 gallons YF120ST/N2 pumped @ 4.0 ppg sand concentration.

7710 gallons WF110 slick water flush.

Total frac fluid pumped 841.5 bbls.

N2 was cut during flush. Ru wire line, RIH and set 5K frac plug @ 7490'. RIH and perforate interval #2 @ 7842-59', 3 spf, 52 holes. Fraced interval #2 w/ 34,000# 20/40 Ottawa sand. Pumped frac at an avg rate of 11.9 bpm, using 145.3 mscf of N2 and 485.6 bbls of fluid. Avg surface treating pressure was 3369 psi w/ sand concentrations stair stepping from 2.0 ppg to 5.0 ppg.

2787 gallons Pad YF120ST/N2 gel.

1442 gallons YF120ST/N2 pumped @ 2.0 ppg sand concentration.

1410 gallons YF120ST/N2 pumped @ 3.0 ppg sand concentration.

1408 gallons YF120ST/N2 pumped @ 4.0 ppg sand concentration.

2810 gallons YF120ST/N2 pumped @ 5.0 ppg sand concentration.

7841 gallons WF110 slick water flush.

Total frac fluid pumped 485.6 bbls. N2 was cut during flush. RIH and set 5k frac plug @ 7690', perforate interval # 3 @ 7625-39', 4 spf, 57 holes. Fraced interval #3 w/ 28,000# 20/40 Ottawa sand. Pumped frac at an avg rate of 13.3 bpm, using 127.7 mscf of N2 and 416.5 bbls of fluid. Avg surface treating pressure was 3680 psi w/ sand concentrations stair stepping from 2.0 ppg to 5.0 ppg.

2785 gallons Pad YF120ST/N2 gel.

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

1411 gallons YF120ST/N2 pumped @ 3.0 ppg sand concentration.

1408 gallons YF120ST/N2 pumped @ 4.0 ppg sand concentration.

1877 gallons YF120ST/N2 pumped @ 5.0 ppg sand concentration.

flush.

7392 gallons WF110 slick water

Total frac fluid pumped 416.5 bbls. N2 was cut during flush. Shut well in overnight.

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JUN 15 2005

DIV. OF OIL, GAS & MINING



## WELL CHRONOLOGY REPORT

CONFIDENTIAL

<b>WELL NAME : HCU 9-31F</b>		Event No: 1	
DISTRICT : WESTERN	FIELD : NATURAL BUTTES 630	LOCATION : 1799' FSL 2167' FEL SEC 31 T 10S R 20E	
COUNTY & STATE : UINTAH	UT	CONTRACTOR :	
WI % : 100.00	AFE # : 0501196	API # : 43-047-35936	PLAN DEPTH : 8,337
DHC : \$590,000	CWC : \$584,000	AFE TOTAL : \$1,174,000	SPUD DATE : 04/01/05
EVENT DC : \$1,762,585.00	EVENT CC : \$180,016.00	EVENT TC : \$1,942,601.00	WELL TOTL COST : \$2,039,467

REPORT DATE: 06/11/05	MD: 8,086	TVD: 7,831	DAYS: 45	MW:	VISC:
DAILY: DC: \$17,550.00	CC: \$153,966.00	TC: \$171,516.00	CUM: DC: \$1,762,585.00	CC: \$180,016.00	TC: \$1,942,601.00

DAILY DETAILS: PERFORATE AND FRAC STAGES #4 &amp; #5. TURN WELL OVER TO PRODUCTION.

06-09-2005 HCU 9-31F. MIRU SCHLUMBERGER frac equipment, tested lines to 7000 psi. Held safety meeting with all personnel. Quality control on gel & breaker systems with on-site lab was verified. RIH and perforate interval #4, frac'd Mesa Verde Interval # 4, 6964-87, 3 spf, 70 holes, with 37,849# 20/40 Ottawa sand. Pumped frac at an average rate of 22.7 bpm, using 139.5 mscf of N2 and 410 bbls of fluid. Average surface treating pressure was 3205 psi with sand concentrations stair stepping from 2.0 ppg to 6.0 ppg.

2795 gallons Pad YF115ST/N2 gel.

1425 gallons YF115ST/N2 pumped @ 2.0 ppg sand concentration.

1408 gallons YF115ST/N2 pumped @ 3.0 ppg sand concentration.

1408 gallons YF115ST/N2 pumped @ 4.0 ppg sand concentration.

1406 gallons YF115ST/N2 pumped @ 5.0 ppg sand concentration.

1534 gallons YF115ST/N2 pumped @ 6.0 ppg sand concentration.

6746 gallons WF110 slick water flush.

Total frac fluid pumped 410 bbls. N2 was cut during flush. Ru wire line, RIH and set 5K frac plug @ 6520' and perforate interval #5 @ 6424-42', 3 spf, 55 holes. Fraced interval #5 w/ 36,000# 20/40 Ottawa sand. Pumped frac at an avg rate of 20.7 bpm, using 212.5 mscf of N2 and 400 bbls of fluid. Avg surface treating pressure was 3113 psi w/ sand concentrations stair stepping from 2.0 ppg to 5.0 ppg.

2780 gallons Pad YF115ST/N2 gel.

2105 gallons YF115ST/N2 pumped @ 2.0 ppg sand concentration.

2109 gallons YF115ST/N2 pumped @ 3.0 ppg sand concentration.

2107 gallons YF115ST/N2 pumped @ 4.0 ppg sand concentration.

2112 gallons YF115ST/N2 pumped @ 5.0 ppg sand concentration.

5263 gallons WF110 slick water flush.

Total frac fluid pumped 400 bbls. N2 was not cut during flush. Opened well to the pit on a 12/64 choke, and turned well over to production.

FLOW REPORT: WELL FLOWING TO PIT ON 12/64 CHOKE FCP 471, RECOVERED 835 BBLS. FLUID, CHANGED TO 18/64 CHOKE, TURNED BACK TO PIT TO CLEAN UP.

REPORT DATE: 06/12/05	MD: 8,086	TVD: 7,831	DAYS: 46	MW:	VISC:
DAILY: DC: \$0.00	CC: \$0.00	TC: \$0.00	CUM: DC: \$1,762,585.00	CC: \$180,016.00	TC: \$1,942,601.00

DAILY DETAILS: WELL FLOWING TO PIT ON 18/64 CHOKE, FCP 280, RECOVERED 385 BBLS. FLUID, TURNED TO SALES @ 10:00 AM.

REPORT DATE: 06/13/05	MD: 8,086	TVD: 7,831	DAYS: 47	MW:	VISC:
DAILY: DC: \$0.00	CC: \$0.00	TC: \$0.00	CUM: DC: \$1,762,585.00	CC: \$180,016.00	TC: \$1,942,601.00

DAILY DETAILS: MADE 420 MCF, FCP 700, SLP 168, 3 OIL, 121 WTR, 18/64 CHOKE, 17 HRS. FLOWTIME.

REPORT DATE: 06/14/05	MD: 8,086	TVD: 7,831	DAYS: 48	MW:	VISC:
DAILY: DC: \$0.00	CC: \$0.00	TC: \$0.00	CUM: DC: \$1,762,585.00	CC: \$180,016.00	TC: \$1,942,601.00

DAILY DETAILS: MADE 964 MCF, FCP 730, SLP 173, 0 OIL, 117 WTR, 18/64 CHOKE.

REPORT DATE: 06/15/05	MD: 8,086	TVD: 7,831	DAYS: 49	MW:	VISC:
DAILY: DC: \$0.00	CC: \$0.00	TC: \$0.00	CUM: DC: \$1,762,585.00	CC: \$180,016.00	TC: \$1,942,601.00

DAILY DETAILS: MADE 1140 MCF, FCP 761, SLP 206, 8 OIL, 60 WTR, 18/64 CHOKE.



# FAX COVER

CONFIDENTIAL

To: Utah Division of Oil, Gas & Mining

Company : Utah Division of Oil, Gas & Mining

Fax Number : 18013593940

From : Terri Potter

Company : Dominion Exploration & Production

Fax Number : (405) 749-6657

Subject : HCU 9-31F *T10S R20E S-31 43-047-35936*

Pages including cover page: 2

Date : 6/22/2005

Time : 11:29:24 AM

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

Phone Number: (405) 749-5256

RECEIVED

JUN 22 2005



# WELL CHRONOLOGY REPORT

CONFIDENTIAL

**WELL NAME : HCU 9-31F**

DISTRICT : WESTERN

FIELD : NATURAL BUTTES 630

Event No: 1

LOCATION : 1799' FSL 2167' FEL SEC 31 T 10S R 20E

COUNTY &amp; STATE : UINTAH

UT

CONTRACTOR :

VM % : 100.00 AFE # : 0501196

API # : 43-047-35936

PLAN DEPTH : 8,337

SPUD DATE : 04/01/05

DHC : \$590,000

CWC : \$584,000

AFE TOTAL : \$1,174,000

FORMATION : WASATCH/ MESAVERDE

EVENT DC : \$1,762,585.00

EVENT CC : \$180,016.00

EVENT TC : \$1,942,601.00

WELL TOTL COST : \$2,039,467

REPORT DATE: 06/16/05 MD: 8,086 TVD: 7,831 DAYS: 50 MW: VISC:  
 DAILY: DC: \$0.00 CC: \$0.00 TC: \$0.00 CUM: DC: \$1,762,585.00 CC: \$180,016.00 TC: \$1,942,601.00  
 DAILY DETAILS: MADE 1222 MCF, FCP 783, SLP 184, 6 OIL, 50 WTR, 18/64 CHKE.

REPORT DATE: 06/17/05 MD: 8,086 TVD: 7,831 DAYS: 51 MW: VISC:  
 DAILY: DC: \$0.00 CC: \$0.00 TC: \$0.00 CUM: DC: \$1,762,585.00 CC: \$180,016.00 TC: \$1,942,601.00  
 DAILY DETAILS: MADE 1243 MCF, FCP 785, SLP 188, 3 OIL, 48 WTR, 18/64 CHOKE.

REPORT DATE: 06/18/05 MD: 8,086 TVD: 7,831 DAYS: 52 MW: VISC:  
 DAILY: DC: \$0.00 CC: \$0.00 TC: \$0.00 CUM: DC: \$1,762,585.00 CC: \$180,016.00 TC: \$1,942,601.00  
 DAILY DETAILS: MADE 1240 MCF, FCP 750, SLP 210, 10 OIL, 36 WTR, 18/64 CHOKE.

REPORT DATE: 06/19/05 MD: 8,086 TVD: 7,831 DAYS: 53 MW: VISC:  
 DAILY: DC: \$0.00 CC: \$0.00 TC: \$0.00 CUM: DC: \$1,762,585.00 CC: \$180,016.00 TC: \$1,942,601.00  
 DAILY DETAILS: MADE 1227 MCF, FCP 740, SLP 228, 8 OIL, 43 WTR, 18/64 CHOKE.

REPORT DATE: 06/20/05 MD: 8,086 TVD: 7,831 DAYS: 54 MW: VISC:  
 DAILY: DC: \$0.00 CC: \$0.00 TC: \$0.00 CUM: DC: \$1,762,585.00 CC: \$180,016.00 TC: \$1,942,601.00  
 DAILY DETAILS: MADE 1210 MCF, FCP 722, SLP 211, 5 OIL, 30 WTR, 18/64 CHOKE.

REPORT DATE: 06/21/05 MD: 8,086 TVD: 7,831 DAYS: 55 MW: VISC:  
 DAILY: DC: \$0.00 CC: \$0.00 TC: \$0.00 CUM: DC: \$1,762,585.00 CC: \$180,016.00 TC: \$1,942,601.00  
 DAILY DETAILS: MADE 1191 MCF, FCP 709, SLP 228, 6 OIL, 1 WTR, 18/64 CHOKE.

RECEIVED

JUN 22 2005

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENT

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

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

1. Type of Well

Oil Well  Gas Well  Other

2. Name of Operator

Dominion Exploration & Production, Inc.

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

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

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

1799' FSL & 2167' FEL, NW/SE Sec. 31-10S-20E

5. Lease Serial No.

U-30693

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 9-31F

9. API Well No.

43-047-35936

10. Field and Pool, or Exploratory Area

Natural Buttes

11. County or Parish, State

Uintah, UT

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

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

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

6/9/05 Perf and Frac well. First sales 6/11/05.

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

Name (Printed/Typed)

Carla Christian

Title Regulatory Specialist

Signature

*Carla Christian*

Date 07/5/2005

Approved by

Title

Date

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

Office

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

RECEIVED

JUL 11 2005

DIV. OF OIL, GAS & MINING

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

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

5. Lease Serial No.  
U-30693

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

6. If Indian, Allottee or Tribe Name

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

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

8. Lease Name and Well No.  
HCU 9-31F

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

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

9. API Well No.  
43-047-35936

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

At surface 1799' FSL & 2167' FEL, NW SE

At top prod. interval reported below

At total depth 1629' FSL 899' FEL (Directional Survey OKD)  
1800' FSL & 900' FEL

RECEIVED  
JUL 29 2005  
DIV. OF OIL, GAS & MINING

10. Field and Pool, or Exploratory  
Natural Buttes

11. Sec., T., R., M., or Block and Survey or Area  
31-10S-20E

12. County or Parish  
Uintah

13. State  
UT

14. Date Spudded  
4/01/2005

15. Date T.D. Reached  
5/28/2005

16. Date Completed  
 D&A  Ready to prod.  
6/11/2005

17. Elevations (DF, RKB, RT, GL)\*  
5319' GL

18. Total Depth: MD 8468'  
TVD 8169'  
7935'

19. Plug Back T.D.: MD 8054  
TVD

20. Depth Bridge Plug Set: MD  
TVD

21. Type Electric & Other Mechanical Logs Run (Submit copy of each)  
✓ RST Advisor/Pseudo Open Hole Log  
✓ Cement Bond Log/SCMT-PBMS

22. Was well cored?  No  Yes (Submit analysis)  
Was DST run?  No  Yes (Submit report)  
Directional Survey?  No  Yes (Submit copy)

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

Hole Size	Size/Grade	Wt. (#/ft)	Top (MD)	Bottom (MD)	Stage Cementer Depth	No. of Skis & Type of Cement	Slurry Vol. (BBL)	Cement Top*	Amount Pulled
17 1/2"	13 3/8"	48#	Surface	525'		500 Sx		Circ.	
12 1/4"	9 5/8"	36#	Surface	2823'		560 Sx		Est. TOC @ 1330'	
7 7/8"	5 1/2"	17#	Surface	8086'		1090 Sx		Est. TOC @ 1816'	

Due to drilling difficulties pumped 210 sks cmt. F/1422' (Top of fish) to 1102'. Whipstock plug @ 1123'.

24. Tubing Record

Size	Depth Set (MD)	Packer Depth (MD)	Size	Depth Set (MD)	Packer Depth (MD)	Size	Depth Set (MD)	Packer Depth (MD)

25. Producing Intervals

26. Perforation Record

Formation	Top	Bottom	Perforated Interval	Size	No. Holes	Perf. Status
A) Mesaverde	7916'	7988'	7916- 48, 7966- 88		56	Open
B) Mesaverde	7842'	7859'	7842- 59		52	Open
C) Mesaverde	7625'	7639'	7625- 39		57	Open
D) Uteland Buttes	6964'	6987'	6964- 87		70	Open
E) Chapita Wells	6424'	6442'	6424- 42		55	Open

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

Depth Interval	Amount and Type of Material
7916' - 7988'	Frac w/47,180# 20/40 PR6000 sd., w/374.8 mscf of N2 and 841.5 bbls of YF 120ST.
7842' - 7859'	Frac w/34,000# 20/40 Ottawa sd., w/145.3 mscf of N2 and 485.6 bbls of YF 120ST.
7625' - 7639'	Frac w/28,000# 20/40 Ottawa sd., w/127.7 mscf of N2 and 416.5 bbls of YF 120ST.
6964' - 6987'	Frac w/37,849# 20/40 Ottawa sd., w/139.5 mscf of N2 and 410 bbls of YF 115ST.
6424' - 6442'	Frac w/36,000# 20/40 Ottawa sd., w/212.5 mscf of N2 and 400 bbls of YF 115ST.

Date First Produced	Test Date	Hours Tested	Test Production	Oil BBL	Gas MCF	Water BBL	Oil Gravity Corr. API	Gas Gravity	Production Method
6/11/2005	7/8/2005	24	→	8	749	12			Flowing
Choke Size	Tbg. Press. Flwg. SI	Csg. Press.	24 Hr. Rate	Oil BBL	Gas MCF	Water BBL	Gas:Oil Ratio	Well Status	
18		521	→	8	749	12	1,93,625	Producing	

28a. Production - Interval B

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

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

28b Production - Interval C

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

28c. Production - Interval D

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

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

Sold

30. Summary of Porous Zones (Include Aquifers):

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

31. Formation (Log) Markers

Formation	Top	Bottom	Description, Contents, etc.	Name	Top
					Meas. Depth
				Wasatch Tongue	4042'
				Uteland Limestone	4396'
				Wasatach	4542'
				Chapita Wells	5470'
				Uteland Buttes	6619'
				Mesaverde	7440'

32. Additional remarks (include plugging procedure)

33. Circle enclosed attachments:

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

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

Name (please print) Carla Christian  
 Signature Carla Christian

Title Regulatory Specialist  
 Date July 27, 2005

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

**DIRECTIONAL & HORIZONTAL DRILLING SYSTEMS**

---

**Dominion Exploration and Production**

**Natural Buttes Field, Uintah County, Utah**

**(Hill Creek Unit) HCU #9-31F**

**Section 31, T10S, R20E**

19510 Oil Center Blvd.  
Houston, TX 77073  
Tel: 281-443-1414  
Fax: 281-443-1476

6850 West Yellowstone Hwy.  
P.O. Box 50217  
Casper, WY 82604  
Tel: 307-234-9753  
Fax: 307-234-0795

1032 Woodmere Avenue  
Traverse City, MI 49686  
Tel: 231-947-2977  
Fax: 231-947-2978

AS DRILLED

HCU # 9 - 31F

SECTION 31, T10S, R20E

VINTAH COUNTY, UTAH

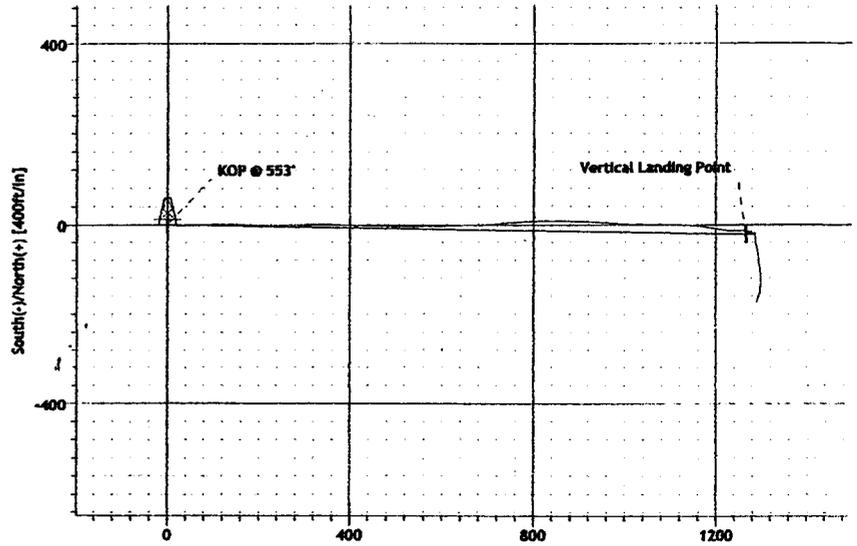
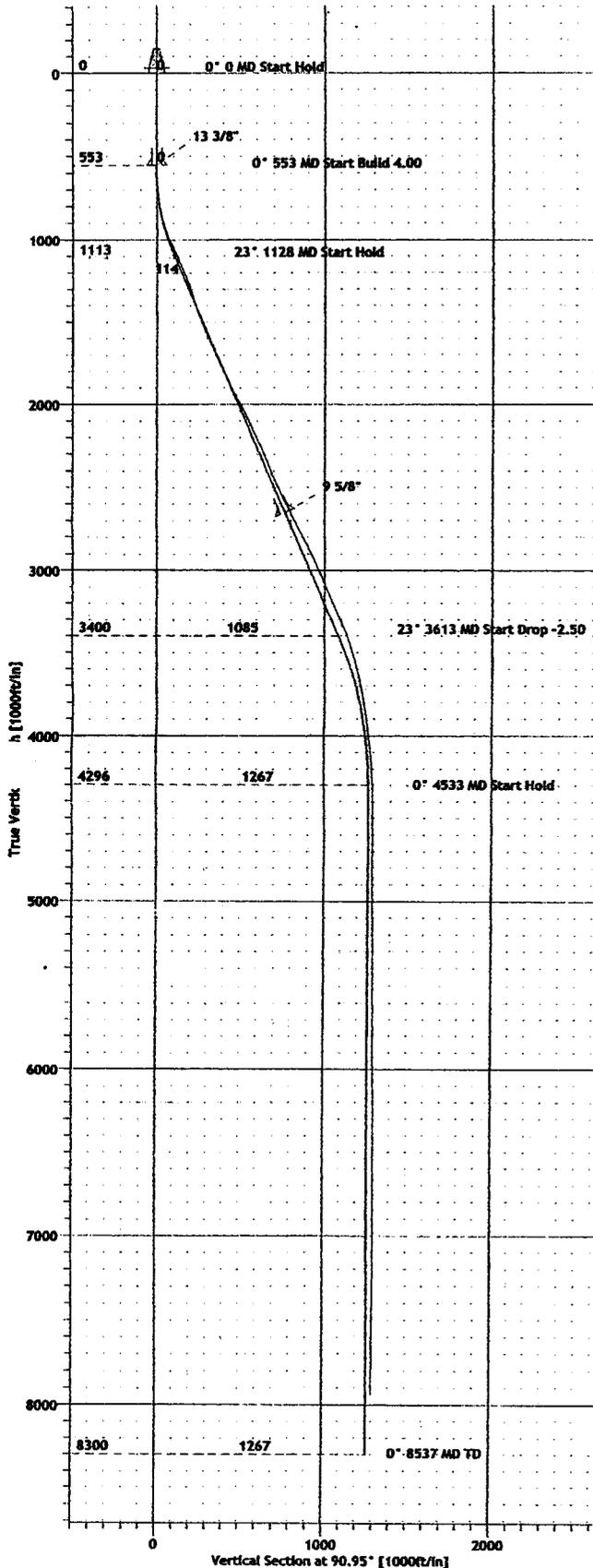
19510 Oil Center Blvd.  
Houston, TX 77073  
Tel: 281-443-1414  
Fax: 281-443-1476

6850 West Yellowstone Hwy.  
P.O. Box 50217  
Casper, WY 82604  
Tel: 307-234-9753  
Fax: 307-234-0795

1032 Woodmere Avenue  
Traverse City, MI 49686  
Tel: 231-947-2977  
Fax: 231-947-2978



Well: HCU 9-31F  
 Field: Hill Creek Unit  
 Uintah Co. Utah  
 Sec. 31, T10S, R20E



Sec	MD	Inc	Azi	TVD	+N/-S	+E/-W	DLog	TFace	VSec	Target
1	0.00	0.00	90.95	0.00	0.00	0.00	0.00	0.00	0.00	
2	553.00	0.00	90.95	553.00	0.00	0.00	0.00	90.95	0.00	
3	1128.05	23.00	90.95	1112.73	-1.90	113.87	4.00	90.95	113.89	
4	3613.36	23.00	90.95	3400.44	-18.08	1084.91	0.00	0.00	1085.06	
5	4533.44	0.00	90.95	4296.00	-21.12	1267.10	2.50	180.00	1267.28	
6	8537.44	0.00	90.95	8300.00	-21.12	1267.10	0.00	90.95	1267.28	

WELL DETAILS

Name	+N/-S	+E/-W	Northing	Easting	Latitude	Longitude	Slot
HCU 9-31F	0.00	0.00	7137864.87	2143754.74	39°54'04.970"N	109°42'20.530"W	N/A

FORMATION TOP DETAILS

No.	TVDPath	MDPath	Formation
1	3816.00	4049.86	Wasatch Tongue
2	4161.00	4398.36	Uteland Limestone
3	4296.00	4533.44	Wasatch
4	5246.00	5483.44	Chapita Wells
5	6386.00	6623.44	Uteland Buttes
6	7186.00	7423.44	Mesaverde

CASING DETAILS

No.	TVD	MD	Name	Size
1	550.00	550.00	13 3/8"	13.375
2	2651.74	2800.00	9 5/8"	9.625

SITE DETAILS

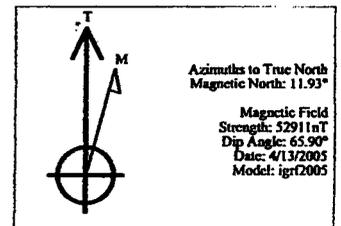
HCU 9-31F  
 Hill Creek Unit  
 Site Centre Latitude: 39°54'04.970"N  
 Longitude: 109°42'20.530"W  
 Ground Level: 5318.00  
 Positional Uncertainty: 0.00  
 Convergence: 1.15

WELLPATH DETAILS

I  
 Rig: est.KB@5336' 0.00ft  
 Ref. Datum:  
 V.Section Angle: 90.95°  
 Origin +N/-S: 0.00  
 Origin +E/-W: 0.00  
 Starting From TVD: 0.00

FIELD DETAILS

Natural Buttes Field  
 Uintah County, Utah  
 USA  
 Goodetic System: US State Plane Coordinate System 1983  
 Ellipsoid: GRS 1980  
 Zone: Utah, Central Zone  
 Magnetic Model: igr2005  
 System Datum: Mean Sea Level  
 Local North: True North



# Survey Report – Standard

HCU # 9 – 31F

SECTION 31, T10S, R20E

VINTAH COUNTY, UTAH



# Ryan Energy Technologies

## Survey Report



<b>Company:</b> Dominion E & P	<b>Date:</b> 6/24/2005	<b>Time:</b> 14:53:49	<b>Page:</b> 1
<b>Field:</b> Natural Buttes Field	<b>Co-ordinate(NE) Reference:</b> Site: HCU 9-31F, True North		
<b>Site:</b> HCU 9-31F	<b>Vertical (TVD) Reference:</b> est.KB@5336' 0.0		
<b>Well:</b> HCU 9-31F	<b>Section (VS) Reference:</b> Site (0.00N,0.00E,90.95Azi)		
<b>Wellpath:</b> 1	<b>Survey Calculation Method:</b> Minimum Curvature	<b>Db:</b> Sybase	

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

<b>Site:</b> HCU 9-31F Hill Creek Unit			
<b>Site Position:</b>	<b>Northing:</b> 7137864.87 ft	<b>Latitude:</b> 39 54 4.970 N	
<b>From:</b> Geographic	<b>Easting:</b> 2143754.74 ft	<b>Longitude:</b> 109 42 20.530 W	
<b>Position Uncertainty:</b> 0.00 ft		<b>North Reference:</b> True	
<b>Ground Level:</b> 5318.00 ft		<b>Grid Convergence:</b> 1.15 deg	

<b>Well:</b> HCU 9-31F	<b>Slot Name:</b>
<b>Surface Position:</b>	
+N/-S 0.00 ft	<b>Northing:</b> 7137864.87 ft
+E/-W 0.00 ft	<b>Easting:</b> 2143754.74 ft
<b>Position Uncertainty:</b> 0.00 ft	
<b>Reference Point:</b>	
+N/-S 0.00 ft	<b>Latitude:</b> 39 54 4.970 N
+E/-W 0.00 ft	<b>Longitude:</b> 109 42 20.530 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

<b>Wellpath:</b> 1	<b>Drilled From:</b>	<b>Well Ref. Point</b>
<b>Current Datum:</b> est.KB@5336'	<b>Tie-on Depth:</b>	0.00 ft
<b>Magnetic Data:</b> 4/13/2005	<b>Above System Datum:</b>	Mean Sea Level
<b>Field Strength:</b> 52911 nT	<b>Declination:</b>	11.93 deg
<b>Vertical Section:</b>	<b>Mag Dip Angle:</b>	65.90 deg
Depth From (TVD)	+N/-W	Direction
ft	ft	deg
0.00	0.00	90.95

<b>Survey:</b> Sidetrack	<b>Start Date:</b> 5/2/2005
<b>Company:</b> Ryan Energy Technologies	<b>Engineer:</b> Mitch Kennedy
<b>Tool:</b>	<b>Tied-to:</b> User Defined

**Survey: Sidetrack**

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
525.00	0.00	90.95	525.00	0.00	0.00	0.00	0.00	0.00	0.00	
539.00	0.20	251.70	539.00	-0.01	-0.02	-0.02	1.43	1.43	0.00	
598.00	1.10	351.90	598.00	0.52	-0.20	-0.21	1.95	1.53	169.83	
693.00	4.80	102.30	692.89	0.58	3.56	3.55	5.56	3.89	116.21	
788.00	10.80	94.60	786.97	-0.99	16.32	16.34	6.40	6.32	-8.11	
885.00	16.00	88.90	881.30	-1.46	38.77	38.78	5.52	5.36	-5.88	
980.00	20.80	86.50	971.42	-0.18	68.71	68.70	5.11	5.05	-2.53	
1068.00	24.10	89.60	1052.74	0.90	102.28	102.25	3.98	3.75	3.52	
1160.00	23.70	90.30	1136.85	0.94	139.55	139.52	0.53	-0.43	0.76	
1255.00	22.20	90.00	1224.33	0.84	176.60	176.56	1.58	-1.58	-0.32	
1351.00	18.80	92.40	1314.24	0.19	210.20	210.17	3.65	-3.54	2.50	
1446.00	16.50	90.30	1404.76	-0.52	238.99	238.96	2.51	-2.42	-2.21	
1542.00	19.40	88.90	1496.08	-0.29	268.57	268.53	3.05	3.02	-1.46	
1637.00	23.80	87.50	1584.39	0.85	303.51	303.45	4.66	4.63	-1.47	
1732.00	25.20	91.40	1670.84	1.19	342.88	342.82	2.25	1.47	4.11	
1828.00	26.00	91.40	1757.41	0.18	384.35	384.29	0.83	0.83	0.00	
1924.00	25.50	92.10	1843.88	-1.09	426.04	426.00	0.61	-0.52	0.73	
2019.00	26.40	91.70	1929.30	-2.47	467.58	467.56	0.97	0.95	-0.42	
2115.00	25.80	90.00	2015.51	-3.10	509.81	509.79	1.00	-0.62	-1.77	
2210.00	25.50	89.60	2101.15	-2.96	550.93	550.90	0.36	-0.32	-0.42	



# An Energy Technology Survey Report



<b>Company:</b> Dominion E & P	<b>Date:</b> 6/24/2005	<b>Time:</b> 14:53:49	<b>Page:</b> 2
<b>Field:</b> Natural Buttes Field	<b>Co-ordinate(NE) Reference:</b>	<b>Site:</b> HCU 9-31F, True North	
<b>Site:</b> HCU 9-31F	<b>Vertical (TVD) Reference:</b>	est.KB@5336' 0.0	
<b>Well:</b> HCU 9-31F	<b>Section (VS) Reference:</b>	<b>Site (0.00N,0.00E,90.95Azi)</b>	
<b>Wellpath:</b> 1	<b>Survey Calculation Method:</b>	Minimum Curvature	<b>Db:</b> Sybase

**Survey: Sidetrack**

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
2305.00	26.20	89.00	2186.64	-2.45	592.35	592.31	0.79	0.74	-0.63	
2401.00	22.40	87.90	2274.12	-1.41	631.83	631.77	3.99	-3.96	-1.15	
2496.00	21.50	89.30	2362.24	-0.53	667.33	667.25	1.10	-0.95	1.47	
2591.00	23.30	85.80	2450.07	1.06	703.48	703.36	2.36	1.89	-3.68	
2687.00	24.70	84.70	2537.77	4.30	742.39	742.21	1.53	1.46	-1.15	
2748.00	25.60	87.20	2592.98	6.12	768.24	768.04	2.28	1.48	4.10	
2847.00	26.30	88.20	2682.00	7.86	811.53	811.29	0.83	0.71	1.01	
2888.00	26.60	89.60	2718.71	8.21	829.78	829.53	1.69	0.73	3.41	
2983.00	27.50	91.00	2803.32	7.97	872.98	872.73	1.16	0.95	1.47	
3079.00	25.90	92.10	2889.08	6.82	916.10	915.86	1.74	-1.67	1.15	
3174.00	23.00	94.20	2975.55	4.70	955.35	955.14	3.19	-3.05	2.21	
3270.00	22.70	93.10	3064.02	2.32	992.55	992.38	0.54	-0.31	-1.15	
3365.00	23.10	91.00	3151.53	1.00	1029.49	1029.33	0.96	0.42	-2.21	
3461.00	24.10	89.60	3239.50	0.81	1067.92	1067.76	1.19	1.04	-1.46	
3556.00	22.50	91.00	3326.76	0.63	1105.49	1105.33	1.78	-1.68	1.47	
3652.00	18.60	92.80	3416.63	-0.44	1139.17	1139.02	4.12	-4.06	1.87	
3747.00	15.50	97.40	3507.45	-2.81	1166.89	1166.78	3.56	-3.26	4.84	
3842.00	14.00	98.80	3599.31	-6.21	1190.84	1190.78	1.62	-1.58	1.47	
3938.00	12.80	100.50	3692.70	-9.92	1212.77	1212.77	1.32	-1.25	1.77	
4033.00	10.60	92.80	3785.73	-12.27	1231.85	1231.88	2.83	-2.32	-8.11	
4127.00	8.30	92.40	3878.44	-12.97	1247.27	1247.31	2.45	-2.45	-0.43	
4221.00	7.90	91.00	3971.51	-13.37	1260.50	1260.55	0.47	-0.43	-1.49	
4316.00	6.50	94.60	4065.76	-13.92	1272.39	1272.45	1.55	-1.47	3.79	
4412.00	4.10	104.70	4161.34	-15.22	1281.13	1281.21	2.67	-2.50	10.52	
4505.00	2.40	110.00	4254.19	-16.73	1286.18	1286.28	1.85	-1.83	5.70	
4536.00	1.80	111.40	4285.17	-17.13	1287.24	1287.35	1.94	-1.94	4.52	
4636.00	2.10	191.90	4385.12	-19.50	1288.32	1288.47	2.53	0.30	80.50	
5116.00	3.00	169.00	4864.66	-40.43	1288.91	1289.40	0.28	0.19	-4.77	
5594.00	3.00	171.00	5342.00	-65.07	1293.25	1294.15	0.02	0.00	0.42	
6062.00	2.50	174.00	5809.46	-87.31	1296.23	1297.50	0.11	-0.11	0.64	
6475.00	3.00	173.00	6221.98	-107.00	1298.49	1300.09	0.12	0.12	-0.24	
6919.00	1.75	182.00	6665.59	-125.31	1299.67	1301.57	0.29	-0.28	2.03	
7418.00	2.25	186.00	7164.29	-142.66	1298.38	1300.57	0.10	0.10	0.80	
7918.00	2.25	201.00	7663.91	-161.59	1293.84	1296.34	0.12	0.00	3.00	
8189.00	2.25	201.00	7934.70	-171.52	1290.03	1292.69	0.00	0.00	0.00	Projection

**Annotation**

MD ft	TVD ft	
8189.00	7934.70	Projection

# Survey Report – Geographic

HCU # 9 – 31F

SECTION 31, T10S, R20E

VINTAH COUNTY, UTAH



# Ryan Energy Technologies

## Survey Report - Geographic



<b>Company:</b> Dominion E & P <b>Field:</b> Natural Buttes Field <b>Site:</b> HCU 9-31F <b>Well:</b> HCU 9-31F <b>Wellpath:</b> 1	<b>Date:</b> 6/24/2005 <b>Time:</b> 15:09:05 <b>Page:</b> 1 <b>Co-ordinate(NE) Reference:</b> Site: HCU 9-31F, True North <b>Vertical (TVD) Reference:</b> est.KB@5336' 0.0 <b>Section (VS) Reference:</b> Site (0.00N,0.00E,90.95Azi) <b>Survey Calculation Method:</b> Minimum Curvature <b>Db:</b> Sybase
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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 9-31F Hill Creek Unit  <b>Site Position:</b> <b>From:</b> Geographic <b>Position Uncertainty:</b> 0.00 ft <b>Ground Level:</b> 5318.00 ft	<b>Northing:</b> 7137864.87 ft <b>Easting:</b> 2143754.74 ft  <b>Latitude:</b> 39 54 4.970 N <b>Longitude:</b> 109 42 20.530 W <b>North Reference:</b> True <b>Grid Convergence:</b> 1.15 deg
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<b>Well:</b> HCU 9-31F  <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> 7137864.87 ft <b>Easting:</b> 2143754.74 ft <b>Measured Depth:</b> 0.00 ft <b>Vertical Depth:</b> 0.00 ft  <b>Latitude:</b> 39 54 4.970 N <b>Longitude:</b> 109 42 20.530 W <b>Inclination:</b> 0.00 deg <b>Azimuth:</b> 0.00 deg
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<b>Wellpath:</b> 1  <b>Current Datum:</b> est.KB@5336' <b>Magnetic Data:</b> 4/13/2005 <b>Field Strength:</b> 52911 nT <b>Vertical Section: Depth From (TVD)</b>	<b>Height:</b> 0.00 ft <b>+N/-S:</b> 0.00 ft <b>+E/-W:</b> 0.00 ft	<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> 11.93 deg <b>Mag Dip Angle:</b> 65.90 deg <b>Direction:</b> deg
0.00	0.00	0.00      90.95

<b>Survey:</b> Sidetrack  <b>Company:</b> Ryan Energy Technologies <b>Tool:</b>	<b>Start Date:</b> 5/2/2005  <b>Engineer:</b> Mitch Kennedy <b>Tied-to:</b> User Defined
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**Survey: Sidetrack**

MD ft	Incl deg	Azlm deg	TVD ft	+N/-S ft	+E/-W ft	Map Northing ft	Map Easting ft	Latitude		Longitude	
								Deg	Min Sec	Deg	Min Sec
525.00	0.00	90.95	525.00	0.00	0.00	7137864.87	2143754.74	39 54	4.970 N	109 42	20.530 W
539.00	0.20	251.70	539.00	-0.01	-0.02	7137864.86	2143754.71	39 54	4.970 N	109 42	20.530 W
598.00	1.10	351.90	598.00	0.52	-0.20	7137865.39	2143754.53	39 54	4.975 N	109 42	20.533 W
693.00	4.80	102.30	692.89	0.58	3.56	7137865.52	2143758.28	39 54	4.976 N	109 42	20.484 W
788.00	10.80	94.60	786.97	-0.99	16.32	7137864.21	2143771.08	39 54	4.960 N	109 42	20.321 W
885.00	16.00	88.90	881.30	-1.46	38.77	7137864.19	2143793.52	39 54	4.956 N	109 42	20.033 W
980.00	20.80	86.50	971.42	-0.18	68.71	7137866.07	2143823.44	39 54	4.968 N	109 42	19.648 W
1068.00	24.10	89.60	1052.74	0.90	102.28	7137867.82	2143856.98	39 54	4.979 N	109 42	19.217 W
1160.00	23.70	90.30	1136.85	0.94	139.55	7137868.61	2143894.25	39 54	4.979 N	109 42	18.739 W
1255.00	22.20	90.00	1224.33	0.84	176.60	7137869.25	2143931.28	39 54	4.978 N	109 42	18.264 W
1351.00	18.80	92.40	1314.24	0.19	210.20	7137869.28	2143964.89	39 54	4.972 N	109 42	17.833 W
1446.00	16.50	90.30	1404.76	-0.52	238.99	7137869.14	2143993.69	39 54	4.965 N	109 42	17.463 W
1542.00	19.40	88.90	1496.08	-0.29	268.57	7137869.97	2144023.26	39 54	4.967 N	109 42	17.084 W
1637.00	23.80	87.50	1584.39	0.85	303.51	7137871.81	2144058.17	39 54	4.978 N	109 42	16.635 W
1732.00	25.20	91.40	1670.84	1.19	342.88	7137872.94	2144097.53	39 54	4.982 N	109 42	16.130 W
1828.00	28.00	91.40	1757.41	0.18	384.35	7137872.76	2144139.01	39 54	4.972 N	109 42	15.598 W
1924.00	25.50	92.10	1843.88	-1.09	426.04	7137872.33	2144180.71	39 54	4.959 N	109 42	15.063 W
2019.00	26.40	91.70	1929.30	-2.47	467.58	7137871.78	2144222.28	39 54	4.946 N	109 42	14.530 W
2115.00	25.80	90.00	2015.51	-3.10	509.81	7137872.00	2144264.51	39 54	4.939 N	109 42	13.988 W
2210.00	25.50	89.60	2101.15	-2.96	550.93	7137872.96	2144305.62	39 54	4.941 N	109 42	13.460 W



# Ryan Energy Technologies

## Survey Report - Geographic



Company: Dominion E & P  
 Field: Natural Buttes Field  
 Site: HCU 9-31F  
 Well: HCU 9-31F  
 Wellpath: 1

Date: 6/24/2005 Time: 15:09:05 Page: 2  
 Co-ordinate(NE) Reference: Site: HCU 9-31F, True North  
 Vertical (TVD) Reference: est.KB@5336' 0.0  
 Section (VS) Reference: Site (0.00N,0.00E,90.95Azi)  
 Survey Calculation Method: Minimum Curvature Db: Sybase

Survey: Sidetrack

MD ft	Incl deg	Azim deg	TVD ft	+N/-S ft	+E/-W ft	Map Northing ft	Map Easting ft	←-- Latitude --→			←-- Longitude --→				
								Deg	Min	Sec	Deg	Min	Sec		
2305.00	26.20	89.00	2186.64	-2.45	592.35	7137874.30	2144347.02	39	54	4.946	N	109	42	12.929	W
2401.00	22.40	87.90	2274.12	-1.41	631.83	7137876.14	2144386.47	39	54	4.956	N	109	42	12.422	W
2496.00	21.50	89.30	2362.24	-0.53	667.33	7137877.72	2144421.94	39	54	4.965	N	109	42	11.967	W
2591.00	23.30	85.80	2450.07	1.06	703.48	7137880.04	2144458.05	39	54	4.980	N	109	42	11.503	W
2687.00	24.70	84.70	2537.77	4.30	742.39	7137884.06	2144496.89	39	54	5.012	N	109	42	11.003	W
2748.00	25.60	87.20	2592.98	6.12	768.24	7137886.40	2144522.70	39	54	5.030	N	109	42	10.672	W
2847.00	26.30	88.20	2682.00	7.86	811.53	7137889.00	2144565.94	39	54	5.047	N	109	42	10.116	W
2888.00	26.60	89.60	2718.71	8.21	829.78	7137889.72	2144584.19	39	54	5.051	N	109	42	9.882	W
2983.00	27.50	91.00	2803.32	7.97	872.98	7137890.35	2144627.39	39	54	5.049	N	109	42	9.327	W
3079.00	25.90	92.10	2889.08	6.82	916.10	7137890.06	2144670.52	39	54	5.037	N	109	42	8.774	W
3174.00	23.00	94.20	2975.55	4.70	955.35	7137888.73	2144709.80	39	54	5.016	N	109	42	8.270	W
3270.00	22.70	93.10	3064.02	2.32	992.55	7137887.10	2144747.05	39	54	4.993	N	109	42	7.793	W
3365.00	23.10	91.00	3151.53	1.00	1029.49	7137886.52	2144784.00	39	54	4.980	N	109	42	7.319	W
3461.00	24.10	89.60	3239.50	0.81	1067.92	7137887.10	2144822.43	39	54	4.978	N	109	42	6.826	W
3556.00	22.50	91.00	3326.76	0.63	1105.49	7137887.67	2144860.00	39	54	4.976	N	109	42	6.344	W
3652.00	18.60	92.80	3416.63	-0.44	1139.17	7137887.28	2144893.68	39	54	4.965	N	109	42	5.912	W
3747.00	15.50	97.40	3507.45	-2.81	1166.89	7137885.46	2144921.45	39	54	4.942	N	109	42	5.556	W
3842.00	14.00	98.80	3599.31	-6.21	1190.84	7137882.55	2144945.46	39	54	4.908	N	109	42	5.249	W
3938.00	12.80	100.50	3692.70	-9.92	1212.77	7137879.28	2144967.47	39	54	4.872	N	109	42	4.967	W
4033.00	10.60	92.80	3785.73	-12.27	1231.85	7137877.31	2144986.59	39	54	4.848	N	109	42	4.722	W
4127.00	8.30	92.40	3878.44	-12.97	1247.27	7137876.92	2145002.01	39	54	4.841	N	109	42	4.524	W
4221.00	7.90	91.00	3971.51	-13.37	1260.50	7137876.79	2145015.26	39	54	4.837	N	109	42	4.355	W
4316.00	6.50	94.60	4065.76	-13.92	1272.39	7137876.48	2145027.15	39	54	4.832	N	109	42	4.202	W
4412.00	4.10	104.70	4161.34	-15.22	1281.13	7137875.35	2145035.92	39	54	4.819	N	109	42	4.090	W
4505.00	2.40	110.00	4254.19	-16.73	1286.18	7137873.94	2145040.99	39	54	4.804	N	109	42	4.025	W
4536.00	1.80	111.40	4285.17	-17.13	1287.24	7137873.56	2145042.06	39	54	4.800	N	109	42	4.012	W
4636.00	2.10	191.90	4385.12	-19.50	1288.32	7137871.22	2145043.19	39	54	4.777	N	109	42	3.998	W
5116.00	3.00	169.00	4864.66	-40.43	1288.91	7137850.30	2145044.20	39	54	4.570	N	109	42	3.990	W
5594.00	3.00	171.00	5342.00	-65.07	1293.25	7137825.76	2145049.03	39	54	4.327	N	109	42	3.934	W
6062.00	2.50	174.00	5809.46	-87.31	1296.23	7137803.57	2145052.46	39	54	4.107	N	109	42	3.896	W
6475.00	3.00	173.00	6221.98	-107.00	1298.49	7137783.94	2145055.12	39	54	3.912	N	109	42	3.867	W
6919.00	1.75	182.00	6665.59	-125.31	1299.67	7137765.66	2145056.66	39	54	3.731	N	109	42	3.852	W
7418.00	2.25	186.00	7164.29	-142.66	1298.38	7137748.28	2145055.72	39	54	3.560	N	109	42	3.869	W
7918.00	2.25	201.00	7663.91	-161.59	1293.84	7137729.27	2145051.56	39	54	3.373	N	109	42	3.927	W
8189.00	2.25	201.00	7934.70	-171.52	1290.03	7137719.26	2145047.94	39	54	3.274	N	109	42	3.976	W

Annotation

MD ft	TVD ft	Projection
8189.00	7934.70	Projection

# Survey Report - Closure

HCU # 9 - 31F

SECTION 31, T10S, R20E

VINTAH COUNTY, UTAH



# Ryan Energy Technologies

## Survey Report - Closure



<b>Company:</b> Dominion E & P	<b>Date:</b> 6/24/2005	<b>Time:</b> 15:13:15	<b>Page:</b> 1
<b>Field:</b> Natural Buttes Field	<b>Co-ordinate(NE) Reference:</b> Site: HCU 9-31F, True North		
<b>Site:</b> HCU 9-31F	<b>Vertical (TVD) Reference:</b> est.KB@5336' 0.0		
<b>Well:</b> HCU 9-31F	<b>Section (VS) Reference:</b> Site (0.00N,0.00E,90.95Azi)		
<b>Wellpath:</b> 1	<b>Survey Calculation Method:</b> Minimum Curvature		<b>Db:</b> Sybase

<b>Field:</b> Natural Buttes Field Uintah County, Utah USA	<b>Map Zone:</b> Utah, Central Zone
<b>Map System:</b> NAD State Plane Coordinate System 1983	<b>Coordinate System:</b> Site Centre
<b>Geo Datum:</b> GRS 1980	<b>Geomagnetic Model:</b> igr2005
<b>Sys Datum:</b> Mean Sea Level	

<b>Site:</b> HCU 9-31F Hill Creek Unit	
<b>Site Position:</b>	<b>Northing:</b> 7137864.87 ft <b>Latitude:</b> 39 54 4.970 N
<b>From:</b> Geographic	<b>Easting:</b> 2143754.74 ft <b>Longitude:</b> 109 42 20.530 W
<b>Position Uncertainty:</b> 0.00 ft	<b>North Reference:</b> True
<b>Ground Level:</b> 5318.00 ft	<b>Grid Convergence:</b> 1.15 deg

<b>Well:</b> HCU 9-31F	<b>Slot Name:</b>
<b>Well Position:</b> +N/-S 0.00 ft	<b>Northing:</b> 7137864.87 ft <b>Latitude:</b> 39 54 4.970 N
+E/-W 0.00 ft	<b>Easting:</b> 2143754.74 ft <b>Longitude:</b> 109 42 20.530 W
<b>Position Uncertainty:</b> 0.00 ft	

<b>Wellpath:</b> 1	<b>Drilled From:</b> Well Ref. Point
<b>Current Datum:</b> est.KB@5336'	<b>Tie-on Depth:</b> 0.00 ft
<b>Magnetic Data:</b> 4/13/2005	<b>Above System Datum:</b> Mean Sea Level
<b>Field Strength:</b> 52911 nT	<b>Declination:</b> 11.93 deg
<b>Vertical Section: Depth From (TVD)</b>	<b>Mag Dip Angle:</b> 65.90 deg
ft	+N/-S    +E/-W    Direction
	ft    ft    deg
0.00	0.00    0.00    90.95

<b>Survey Program for Definitive Wellpath</b>			
<b>Date:</b> 6/24/2005	<b>Validated:</b> No	<b>Version:</b> 0	
<b>Actual From</b> ft	<b>To</b> ft	<b>Survey</b>	<b>Toolcode    Tool Name</b>

MD ft	Incl deg	Azlm deg	TVD ft	N/S ft	E/W ft	VS ft	DLS deg/100ft	ClsDist ft	ClsAzi deg	Comment
525.00	0.00	90.95	525.00	0.00	0.00	0.00	0.00	0.00	0.00	
539.00	0.20	251.70	539.00	-0.01	-0.02	-0.02	1.43	0.02	251.70	
598.00	1.10	351.90	598.00	0.52	-0.20	-0.21	1.95	0.56	338.91	
693.00	4.80	102.30	692.89	0.58	3.56	3.55	5.56	3.60	80.79	
788.00	10.80	94.60	786.97	-0.99	16.32	16.34	6.40	16.35	93.45	
885.00	16.00	88.90	881.30	-1.46	38.77	38.78	5.52	38.79	92.15	
980.00	20.80	86.50	971.42	-0.18	68.71	68.70	5.11	68.71	90.15	
1068.00	24.10	89.60	1052.74	0.90	102.28	102.25	3.98	102.29	89.49	
1160.00	23.70	90.30	1136.85	0.94	139.55	139.52	0.53	139.56	89.61	
1255.00	22.20	90.00	1224.33	0.84	176.60	176.56	1.58	176.60	89.73	
1351.00	18.80	92.40	1314.24	0.19	210.20	210.17	3.65	210.20	89.95	
1446.00	16.50	90.30	1404.76	-0.52	238.99	238.96	2.51	238.99	90.13	
1542.00	19.40	88.90	1496.08	-0.29	268.57	268.53	3.05	268.57	90.06	
1637.00	23.80	87.50	1584.39	0.85	303.51	303.45	4.66	303.51	89.84	
1732.00	25.20	91.40	1670.84	1.19	342.88	342.82	2.25	342.88	89.80	
1828.00	26.00	91.40	1757.41	0.18	384.35	384.29	0.83	384.35	89.97	
1924.00	25.50	92.10	1843.88	-1.09	426.04	426.00	0.61	426.04	90.15	
2019.00	26.40	91.70	1929.30	-2.47	467.58	467.56	0.97	467.59	90.30	
2115.00	25.80	90.00	2015.51	-3.10	509.81	509.79	1.00	509.82	90.35	
2210.00	25.50	89.60	2101.15	-2.96	550.93	550.90	0.36	550.94	90.31	
2305.00	26.20	89.00	2186.64	-2.45	592.35	592.31	0.79	592.35	90.24	
2401.00	22.40	87.90	2274.12	-1.41	631.83	631.77	3.99	631.83	90.13	
2496.00	21.50	89.30	2362.24	-0.53	667.33	667.25	1.10	667.33	90.05	



# Ryan Energy Technologies

## Survey Report - Closure



Company: Dominion E & P  
 Field: Natural Buttes Field  
 Site: HCU 9-31F  
 Well: HCU 9-31F  
 Wellpath: 1

Date: 6/24/2005 Time: 15:13:15 Page: 2  
 Co-ordinate(NE) Reference: Site: HCU 9-31F, True North  
 Vertical (TVD) Reference: est.KB@5336' 0.0  
 Section (VS) Reference: Site (0.00N,0.00E,90.95Azi)  
 Survey Calculation Method: Minimum Curvature Db: Sybase

### Survey

MD ft	Incl deg	Azim deg	TVD ft	N/S ft	E/W ft	VS ft	DLS deg/100ft	ClsDist ft	ClsAzi deg	Comment
2591.00	23.30	85.80	2450.07	1.06	703.48	703.36	2.36	703.48	89.91	
2687.00	24.70	84.70	2537.77	4.30	742.39	742.21	1.53	742.40	89.67	
2748.00	25.60	87.20	2592.98	6.12	768.24	768.04	2.28	768.27	89.54	
2847.00	26.30	88.20	2682.00	7.86	811.53	811.29	0.83	811.57	89.45	
2888.00	26.60	89.60	2718.71	8.21	829.78	829.53	1.69	829.83	89.43	
2983.00	27.50	91.00	2803.32	7.97	872.98	872.73	1.16	873.02	89.48	
3079.00	25.90	92.10	2889.08	6.82	916.10	915.86	1.74	916.13	89.57	
3174.00	23.00	94.20	2975.55	4.70	955.35	955.14	3.19	955.36	89.72	
3270.00	22.70	93.10	3064.02	2.32	992.55	992.38	0.54	992.56	89.87	
3365.00	23.10	91.00	3151.53	1.00	1029.49	1029.33	0.96	1029.49	89.94	
3461.00	24.10	89.60	3239.50	0.81	1067.92	1067.76	1.19	1067.92	89.96	
3556.00	22.50	91.00	3326.76	0.63	1105.49	1105.33	1.78	1105.50	89.97	
3652.00	18.60	92.80	3416.63	-0.44	1139.17	1139.02	4.12	1139.17	90.02	
3747.00	15.50	97.40	3507.45	-2.81	1166.89	1166.78	3.56	1166.90	90.14	
3842.00	14.00	98.80	3599.31	-6.21	1190.84	1190.78	1.62	1190.86	90.30	
3938.00	12.80	100.50	3692.70	-9.92	1212.77	1212.77	1.32	1212.81	90.47	
4033.00	10.60	92.80	3785.73	-12.27	1231.85	1231.88	2.83	1231.91	90.57	
4127.00	8.30	92.40	3878.44	-12.97	1247.27	1247.31	2.45	1247.33	90.60	
4221.00	7.90	91.00	3971.51	-13.37	1260.50	1260.55	0.47	1260.58	90.61	
4316.00	6.50	94.60	4065.76	-13.92	1272.39	1272.45	1.55	1272.47	90.63	
4412.00	4.10	104.70	4161.34	-15.22	1281.13	1281.21	2.67	1281.22	90.68	
4505.00	2.40	110.00	4254.19	-16.73	1286.18	1286.28	1.85	1286.29	90.75	
4536.00	1.80	111.40	4285.17	-17.13	1287.24	1287.35	1.94	1287.35	90.76	
4636.00	2.10	191.90	4385.12	-19.50	1288.32	1288.47	2.53	1288.47	90.87	
5116.00	3.00	169.00	4864.66	-40.43	1288.91	1289.40	0.28	1289.54	91.80	
5594.00	3.00	171.00	5342.00	-65.07	1293.25	1294.15	0.02	1294.89	92.88	
6062.00	2.50	174.00	5809.46	-87.31	1296.23	1297.50	0.11	1299.17	93.85	
6475.00	3.00	173.00	6221.98	-107.00	1298.49	1300.09	0.12	1302.89	94.71	
6919.00	1.75	182.00	6665.59	-125.31	1299.67	1301.57	0.29	1305.70	95.51	
7418.00	2.25	186.00	7164.29	-142.66	1298.38	1300.57	0.10	1306.20	96.27	
7918.00	2.25	201.00	7663.91	-161.59	1293.84	1296.34	0.12	1303.89	97.12	
8189.00	2.25	201.00	7934.70	-171.52	1290.03	1292.69	0.00	1301.38	97.57	Projection

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

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

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

Operator Name Change/Merger

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

7/1/2007

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

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

**OPERATOR CHANGES DOCUMENTATION**

Enter date after each listed item is completed

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

**DATA ENTRY:**

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

**BOND VERIFICATION:**

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

**LEASE INTEREST OWNER NOTIFICATION:**

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

**COMMENTS:**

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

FORM 9

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

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

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

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

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

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

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

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

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

(This space for State use only)

APPROVED 9127107

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

(See Instructions on Reverse Side)

**RECEIVED**

**AUG 06 2007**

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

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

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

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

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

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

api	well name	qtr_qtr	sec	twp	rng	lease num	entity	Lease	well	stat
4304737426	HCU 13-29F	SWSW	29	100S	200E	U-28203	12829	Federal	GW	P
4304737427	HCU 8-29F	NESE	29	100S	200E	U-28203	12829	Federal	GW	P
4304737445	HCU 8-34F	SENE	34	100S	200E	U-79130	12829	Federal	OW	S
4304737446	HCU 2-34F	NWNE	34	100S	200E	U-79130	12829	Federal	OW	DRL
4304737447	HCU 7-33F	SENE	33	100S	200E	U-28203	12829	Federal	OW	DRL
4304737570	HCU 10-33F	NWSE	33	100S	200E	14-20-H62-4782	12829	Indian	GW	P
4304737749	HCU 4-28F	NENW	28	100S	200E	U-28203	99999	Federal	GW	DRL
4304737750	HCU 14-33F	SWSE	33	100S	200E	U-028203	12829	Federal	GW	DRL
4304731560	HILL CREEK ST 1-32	SENW	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	SENW	32	100S	200E	ML-22313-2	12829	State	D	PA
4304736322	HCU 16-32F	SESE	32	100S	200E	ML-22313-2	12829	State	GW	P
4304736323	HCU 9-32F	NESE	32	100S	200E	ML-22313-2	12829	State	GW	P
4304736324	HCU 8-32F	SENE	32	100S	200E	ML-22313-2	12829	State	GW	P
4304736441	HCU 1-32F2	NENE	32	100S	200E	ML-22313-2	12829	State	GW	P
4304736684	HCU 7-32F	SENE	32	100S	200E	ML-22313-2	12829	State	GW	P



# United States Department of the Interior

## BUREAU OF LAND MANAGEMENT

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



IN REPLY REFER TO  
3180  
UT-922

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

August 10, 2007

Re: Hill Creek Unit  
Uintah County, Utah

Gentlemen:

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

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

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

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

Sincerely,

*/s/ Greg J. Noble*

Greg J. Noble  
Acting Chief, Branch of Fluid Minerals

Enclosure

RECEIVED

AUG 16 2007

DIV. OF OIL, GAS & MINING