

December 1, 2005

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

RE: Application for Permit to Drill—Dominion Exploration & Production, Inc.
HCU 7-33F

Surface Location: 2,076' FNL & 700' FEL SE/4 NE/4
Target Location: 1,950' FNL & 2,000' FEL, SW/4 NE/4
Section 33, T10S, R20E, SLB&M, Uintah County, Utah

Dear Fluid Minerals Group;

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

- Exhibit "A" - Survey plats, layouts and photos of the proposed well site;
- Exhibit "B" - Proposed location maps with access and utility corridors;
- Exhibit "C" - Production site layout;
- Exhibit "D" - Drilling Plan;
- Exhibit "E" - Surface Use Plan;
- Exhibit "F" - Typical BOP and Choke Manifold diagram.

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

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

Sincerely,

Don Hamilton

Don Hamilton
Agent for Dominion

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

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DIV. OF OIL, GAS & MINING

FILE COPY

CONFIDENTIAL

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

APPLICATION FOR PERMIT TO DRILL OR REENTER

5. Lease Serial No. BIA-14-20-H62-4782	
6. If Indian, Allottee or Tribe Name Ute Indian Tribe	
7. If Unit or CA Agreement, Name and No. Hill Creek Unit	
8. Lease Name and Well No. HCU 7-33F	
9. API Well No. 43-047-37447	
1a. Type of work: <input checked="" type="checkbox"/> DRILL <input type="checkbox"/> REENTER	10. Field and Pool, or Exploratory Natural Buttes
1b. Type of Well: <input checked="" type="checkbox"/> Oil Well <input type="checkbox"/> Gas Well <input type="checkbox"/> Other <input checked="" type="checkbox"/> Single Zone <input type="checkbox"/> Multiple Zone	11. Sec., T. R. M. or Blk. and Survey of Area Sec. 33 T10S, R20E, SLB&M
2. Name of Operator Dominion Exploration & Production, Inc.	
3a. Address 14000 Quail Springs Parkway, Suite 600 Oklahoma City, OK 73134	3b. Phone No. (include area code) 405-749-5263
4. Location of Well (Report location clearly and in accordance with any State requirements.)* At surface 2,076' FNL & 700' FEL SE/4 NE/4 At proposed prod. zone 1,950' FNL & 2,000' FEL, SW/4 NE/4	
14. Distance in miles and direction from nearest town or post office* 12.67 miles south of Ouray, Utah	12. County or Parish Uintah
15. Distance from proposed* location to nearest property or lease line, ft. (Also to nearest drig. unit line, if any) 615'	13. State UT
16. No. of acres in lease 160 acres	17. Spacing Unit dedicated to this well 40 acres
18. Distance from proposed location* to nearest well, drilling, completed, applied for, on this lease, ft. 25'	20. BLM/BIA Bond No. on file 76S 63050 0330
21. Elevations (Show whether DF, KDB, RT, GL, etc.) 4,934' GR	22. Approximate date work will start* 03/01/2006
	23. Estimated duration 14 days
24. Attachments	

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

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

25. Signature <i>Don Hamilton</i>	Name (Printed/Typed) Don Hamilton	Date 12/01/2005
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Title **Agent for Dominion**

Approved by (Signature) <i>Bradley G. Hill</i>	Name (Printed/Typed) BRADLEY G. HILL	Date 12-08-05
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Title **ENVIRONMENTAL SCIENTIST III**

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

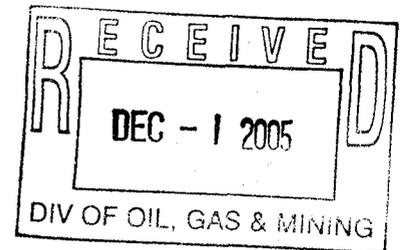
Title 18 U.S.C. Section 1001 and Title 43 U.S.C. Section 1212, make it a crime for any person knowingly and willfully to make to any department or agency of the United States any false, fictitious or fraudulent statements or representations as to any matter within its jurisdiction.

*(Instructions on page 2)

Surf
614350 X
44179064
39.905418
-109.662275

Federal Approval of this Action is Necessary

BHL
613954 X
44179334
39.905711
-109.666900



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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 7-33F
SHL: 2076' FNL & 700' FEL Section 33-10S-20E
BHL: 1950' FNL & 2000' FEL Section 33-10S-20E
Uintah County, UT

1. GEOLOGIC SURFACE FORMATION Uintah

2. ESTIMATED DEPTHS OF IMPORTANT GEOLOGIC MARKERS

<u>Formation</u>	<u>Depth</u>
Wasatch Tongue	3,265'
Uteland Limestone	3,635'
Wasatch	3,795'
Chapita Wells	4,705'
Uteland Buttes	6,005'
Mesaverde	6,875'

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

<u>Formation</u>	<u>Depth</u>	<u>Type</u>
Wasatch Tongue	3,265'	Oil
Uteland Limestone	3,635'	Oil
Wasatch	3,795'	Gas
Chapita Wells	4,705'	Gas
Uteland Buttes	6,005'	Gas
Mesaverde	6,875'	Gas

4. PROPOSED CASING PROGRAM

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

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

5. OPERATOR'S MINIMUM SPECIFICATIONS FOR PRESSURE CONTROL

Surface hole: No BOPE will be utilized.

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

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

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

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DRILLING PLAN

APPROVAL OF OPERATIONS

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

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

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

6. MUD SYSTEMS

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

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

7. BLOOIE LINE

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

8. AUXILIARY EQUIPMENT TO BE USED

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

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

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

10. ANTICIPATED ABNORMAL PRESSURES OR TEMPERATURES EXPECTED

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

11. WATER SUPPLY

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

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DRILLING PLAN

APPROVAL OF OPERATIONS

12. CEMENT SYSTEMS

a. Surface Cement:

Drill 17-1/2" hole to 500' and cement 13-3/8" to surface with 450 sks class "C" cement with 2% CaCl₂ and 1/4 #/sk. Poly-E-Flakes (volume includes 40% excess). Top out if necessary with Top Out cement listed below.

b. Intermediate Casing Cement:

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

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

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

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

c. Production Casing Cement:

- Drill 7-7/8" hole to 7,800'±, run and cement 5 1/2".
- Cement interface is at 3,700', which is typically 500'-1,000' above shallowest pay.
- Pump 20 bbl Mud Clean II unweighted spacer, followed by 20 Bbls fresh H2O spacer.
- Displace with 3% KCL.

Type	Sacks	Interval	Density	Yield	Hole Volume	Cement Volume	Excess
Lead	90	3,700'-4,500'	11.5 ppg	3.12 CFS	139 CF	277 CF	100%
Tail	600	4,500'-7,800'	13.0 ppg	1.75 CFS	525 CF	1050 CF	100%

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

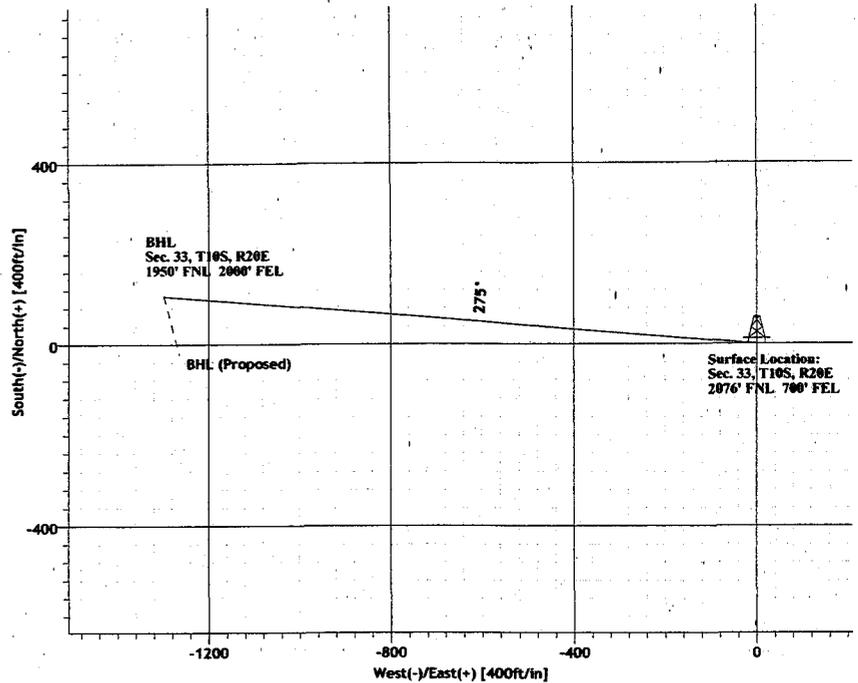
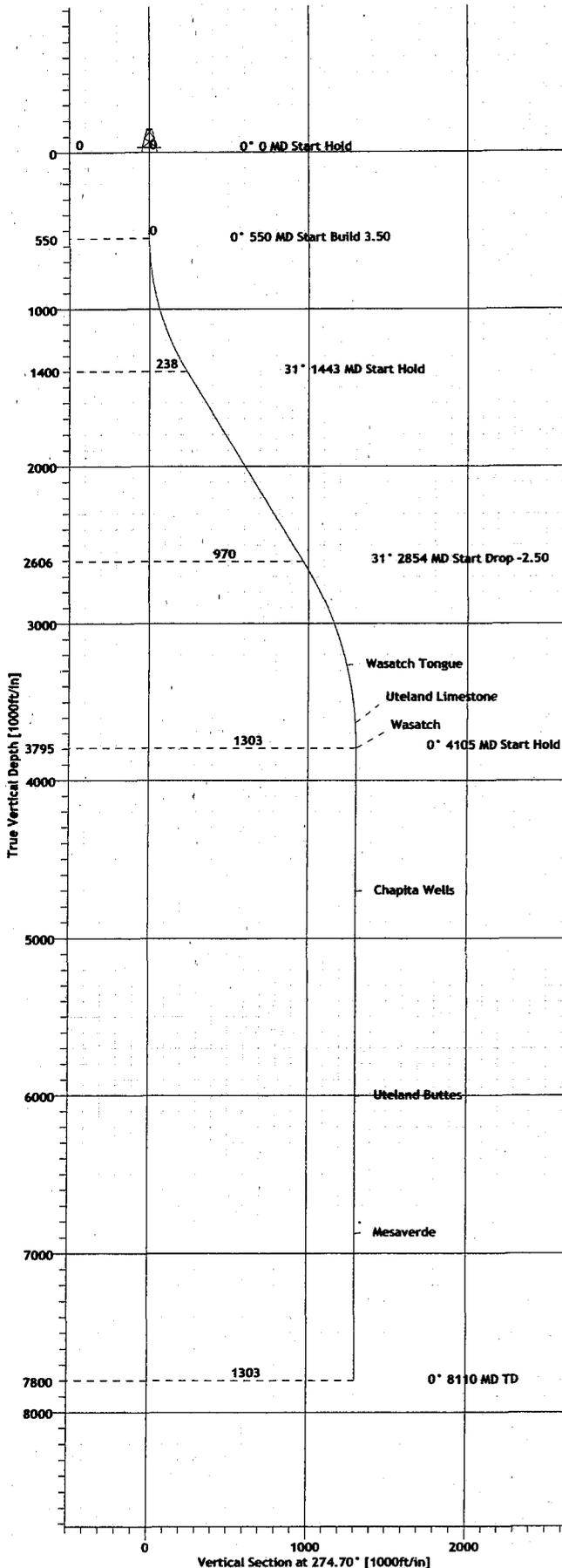
Lead Mix: Halliburton Prem Plus V blend. Blend includes Class "C" cement, gel, salt, gilsonite, EX-1 and HR-7.
Slurry yield: 3.12 cf/sack Slurry weight: 11.60 #/gal.
Water requirement: 17.71 gal/sack
Compressives @ 130°F: 157 psi after 24 hours

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

13. ANTICIPATED STARTING DATE AND DURATION OF THE OPERATIONS

Starting Date: March 1, 2006
Duration: 14 Days

Well: HCU 7-33F
 Field: River Bend Unit
 Uintah Co. Utah
 Sec. 33, T10S, R20E



SECTION DETAILS

Sec	MD	Inc	Azi	TVD	+N/-S	+E/-W	DLeg	TFace	VSec	Target
1	0.00	0.00	274.70	0.00	0.00	0.00	0.00	0.00	0.00	
2	550.00	0.00	274.70	550.00	0.00	0.00	0.00	274.70	0.00	
3	1443.28	31.26	274.70	1399.61	19.49	-236.93	3.50	274.70	237.73	
4	2854.11	31.26	274.70	2605.55	79.52	-966.68	0.00	0.00	969.95	
5	4104.71	0.00	274.70	3795.00	106.80	-1298.39	2.50	180.00	1302.78	
6	8109.71	0.00	274.70	7800.00	106.80	-1298.39	0.00	274.70	1302.78	

WELL DETAILS

Name	+N/-S	+E/-W	Northing	Easting	Latitude	Longitude	Slot
HCU 7-33F	0.00	0.00	7139581.14	2155714.23	39°54'19.530N	109°39'46.640W	N/A

FORMATION TOP DETAILS

No.	TVDPath	MDPath	Formation
1	3265.00	3569.87	Wasatch Tongue
2	3635.00	3944.58	Uteland Limestone
3	3795.00	4104.71	Wasatch
4	4705.00	5014.71	Chapita Wells
5	6005.00	6314.71	Uteland Buttes
6	6875.00	7184.71	Mesaverde

WELLPATH DETAILS

Ref. Datum:	Rig:	V.Section Angle	Origin +N/-S	Origin +E/-W	Starting From TVD
	est.KB @ 4955'	274.70°	0.00	0.00	0.00

REFERENCE INFORMATION

Co-ordinate (N/E) Reference: Site Centre HCU 7-33F, True North
 Vertical (TVD) Reference: est.KB @ 4955' 0.00
 Section (VS) Reference: Site Centre (0.00N,0.00E)
 Measured Depth Reference: est.KB @ 4955' 0.00
 Calculation Method: Minimum Curvature



Azimuths to True North
 Magnetic North: 11.83°

Magnetic Field
 Strength: 52862nT
 Dip Angle: 65.90°
 Date: 11/22/2005
 Model: igr2005

FIELD DETAILS

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

SITE DETAILS

HCU 7-33F
 Hill Creek Unit
 Sec. 33, T10S, R20E
 Site Centre Latitude: 39°54'19.530N
 Longitude: 109°39'46.640W
 Ground Level: 4935.00
 Positional Uncertainty: 0.00
 Convergence: 1.18



Company: Dominion E & P	Date: 11/22/2005	Time: 13:21:06	Page: 1
Field: Natural Buttes Field	Co-ordinate(NE) Reference: HCU 7-33F, True North		
Site: HCU 7-33F	Vertical (TVD) Reference: est.KB @ 4955' 0.0		
Well: HCU 7-33F	Section (VS) Reference: Site (0.00N,0.00E,274.70Azi)		
Wellpath: 1	Plan:	Plan #1	

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

Site: HCU 7-33F Hill Creek Unit Sec. 33, T10S, R20E			
Site Position:	Northing: 7139581.14 ft	Latitude:	39 54 19.530 N
From: Geographic	Easting: 2155714.23 ft	Longitude:	109 39 46.640 W
Position Uncertainty: 0.00 ft		North Reference:	True
Ground Level: 4935.00 ft		Grid Convergence:	1.18 deg

Well: HCU 7-33F	Slot Name:
Surface Position: +N/-S 0.00 ft	Latitude: 39 54 19.530 N
+E/-W 0.00 ft	Longitude: 109 39 46.640 W
Position Uncertainty: 0.00 ft	
Reference Point: +N/-S 0.00 ft	Latitude: 39 54 19.530 N
+E/-W 0.00 ft	Longitude: 109 39 46.640 W
	Measured Depth: 0.00 ft
	Inclination: 0.00 deg
	Azimuth: 0.00 deg

Wellpath: 1	Drilled From: Well Ref. Point		
Current Datum: est.KB @ 4955'	Tie-on Depth: 0.00 ft		
Magnetic Data: 11/22/2005	Above System Datum: Mean Sea Level		
Field Strength: 52862 nT	Declination: 11.83 deg		
Vertical Section: Depth From (TVD)	Mag Dip Angle: 65.90 deg		
ft	+N/-S	+E/-W	Direction
	ft	ft	deg
0.00	0.00	0.00	274.70

Plan: Plan #1	Date Composed: 11/22/2005
Principal: Yes	Version: 1
	Tied-to: From Well Ref. Point

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	274.70	0.00	0.00	0.00	0.00	0.00	0.00	0.00	
550.00	0.00	274.70	550.00	0.00	0.00	0.00	0.00	0.00	274.70	
1443.28	31.26	274.70	1399.61	19.49	-236.93	3.50	3.50	0.00	274.70	
2854.11	31.26	274.70	2605.55	79.52	-966.68	0.00	0.00	0.00	0.00	
4104.71	0.00	274.70	3795.00	106.80	-1298.39	2.50	-2.50	0.00	-180.00	
8109.71	0.00	274.70	7800.00	106.80	-1298.39	0.00	0.00	0.00	274.70	

Section 1 : Start Hold

MD ft	Incl deg	Azim deg	TVD ft	+N/-S ft	+E/-W ft	VS ft	DLS deg/100ft	Build deg/100ft	Turn deg/100ft	TFO deg
0.00	0.00	274.70	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
100.00	0.00	274.70	100.00	0.00	0.00	0.00	0.00	0.00	0.00	274.70
200.00	0.00	274.70	200.00	0.00	0.00	0.00	0.00	0.00	0.00	274.70
300.00	0.00	274.70	300.00	0.00	0.00	0.00	0.00	0.00	0.00	274.70
400.00	0.00	274.70	400.00	0.00	0.00	0.00	0.00	0.00	0.00	274.70
500.00	0.00	274.70	500.00	0.00	0.00	0.00	0.00	0.00	0.00	274.70
550.00	0.00	274.70	550.00	0.00	0.00	0.00	0.00	0.00	0.00	274.70

Section 2 : Start Build 3.50

MD ft	Incl deg	Azim deg	TVD ft	+N/-S ft	+E/-W ft	VS ft	DLS deg/100ft	Build deg/100ft	Turn deg/100ft	TFO deg
600.00	1.75	274.70	599.99	0.06	-0.76	0.76	3.50	3.50	0.00	0.00
700.00	5.25	274.70	699.79	0.56	-6.84	6.87	3.50	3.50	0.00	0.00



Company: Dominion E & P
 Field: Natural Buttes Field
 Site: HCU 7-33F
 Well: HCU 7-33F
 Wellpath: 1

Date: 11/22/2005 Time: 13:21:06
 Co-ordinate(N/E) Reference: HCU 7-33F, True North
 Vertical (TVD) Reference: est. KB @ 4955' 0.0
 Section (VS) Reference: Site (0.00N,0.00E,274.70Azi)
 Plan: Plan #1

Section 2 : Start Build 3.50

MD ft	Incl deg	Azim deg	TVD ft	+N/-S ft	+E/-W ft	VS ft	DLS deg/100ft	Build deg/100ft	Turn deg/100ft	TFO deg
800.00	8.75	274.70	799.03	1.56	-18.99	19.05	3.50	3.50	0.00	0.00
900.00	12.25	274.70	897.34	3.06	-37.15	37.27	3.50	3.50	0.00	0.00
1000.00	15.75	274.70	994.35	5.04	-61.25	61.46	3.50	3.50	0.00	0.00
1100.00	19.25	274.70	1089.71	7.50	-91.22	91.53	3.50	3.50	0.00	0.00
1200.00	22.75	274.70	1183.05	10.44	-126.93	127.36	3.50	3.50	0.00	0.00
1300.00	26.25	274.70	1274.04	13.84	-168.25	168.82	3.50	3.50	0.00	0.00
1400.00	29.75	274.70	1362.32	17.69	-215.04	215.76	3.50	3.50	0.00	0.00
1443.28	31.26	274.70	1399.61	19.49	-236.93	237.73	3.50	3.50	0.00	0.00

Section 3 : Start Hold

MD ft	Incl deg	Azim deg	TVD ft	+N/-S ft	+E/-W ft	VS ft	DLS deg/100ft	Build deg/100ft	Turn deg/100ft	TFO deg
1500.00	31.26	274.70	1448.09	21.90	-266.27	267.17	0.00	0.00	0.00	180.00
1600.00	31.26	274.70	1533.57	26.16	-318.00	319.07	0.00	0.00	0.00	180.00
1700.00	31.26	274.70	1619.04	30.41	-369.72	370.97	0.00	0.00	0.00	180.00
1800.00	31.26	274.70	1704.52	34.67	-421.45	422.87	0.00	0.00	0.00	180.00
1900.00	31.26	274.70	1790.00	38.92	-473.17	474.77	0.00	0.00	0.00	180.00
2000.00	31.26	274.70	1875.48	43.18	-524.89	526.67	0.00	0.00	0.00	180.00
2100.00	31.26	274.70	1960.95	47.43	-576.62	578.57	0.00	0.00	0.00	180.00
2200.00	31.26	274.70	2046.43	51.68	-628.34	630.47	0.00	0.00	0.00	180.00
2300.00	31.26	274.70	2131.91	55.94	-680.07	682.37	0.00	0.00	0.00	180.00
2400.00	31.26	274.70	2217.39	60.19	-731.79	734.27	0.00	0.00	0.00	180.00
2500.00	31.26	274.70	2302.86	64.45	-783.52	786.17	0.00	0.00	0.00	180.00
2600.00	31.26	274.70	2388.34	68.70	-835.24	838.07	0.00	0.00	0.00	180.00
2700.00	31.26	274.70	2473.82	72.96	-886.97	889.97	0.00	0.00	0.00	180.00
2800.00	31.26	274.70	2559.30	77.21	-938.69	941.86	0.00	0.00	0.00	180.00
2854.11	31.26	274.70	2605.55	79.52	-966.68	969.95	0.00	0.00	0.00	180.00

Section 4 : Start Drop -2.50

MD ft	Incl deg	Azim deg	TVD ft	+N/-S ft	+E/-W ft	VS ft	DLS deg/100ft	Build deg/100ft	Turn deg/100ft	TFO deg
2900.00	30.12	274.70	2645.01	81.44	-990.03	993.37	2.50	-2.50	0.00	180.00
3000.00	27.62	274.70	2732.58	85.39	-1038.14	1041.65	2.50	-2.50	0.00	180.00
3100.00	25.12	274.70	2822.17	89.03	-1082.40	1086.05	2.50	-2.50	0.00	180.00
3200.00	22.62	274.70	2913.61	92.35	-1122.72	1126.51	2.50	-2.50	0.00	180.00
3300.00	20.12	274.70	3006.73	95.34	-1159.03	1162.95	2.50	-2.50	0.00	180.00
3400.00	17.62	274.70	3101.35	97.99	-1191.26	1195.28	2.50	-2.50	0.00	180.00
3500.00	15.12	274.70	3197.29	100.30	-1219.34	1223.46	2.50	-2.50	0.00	180.00
3569.87	13.37	274.70	3265.00	101.71	-1236.47	1240.65	2.50	-2.50	0.00	180.00
3600.00	12.62	274.70	3294.36	102.26	-1243.23	1247.43	2.50	-2.50	0.00	180.00
3700.00	10.12	274.70	3392.39	103.88	-1262.87	1267.13	2.50	-2.50	0.00	180.00
3800.00	7.62	274.70	3491.19	105.14	-1278.23	1282.55	2.50	-2.50	0.00	180.00
3900.00	5.12	274.70	3590.57	106.05	-1289.28	1293.64	2.50	-2.50	0.00	180.00
3944.58	4.00	274.70	3635.00	106.34	-1292.82	1297.18	2.50	-2.50	0.00	180.00
4000.00	2.62	274.70	3690.33	106.60	-1296.01	1300.38	2.50	-2.50	0.00	-180.00
4104.71	0.00	274.70	3795.00	106.80	-1298.39	1302.78	2.50	-2.50	0.00	-180.00

Section 5 : Start Hold

MD ft	Incl deg	Azim deg	TVD ft	+N/-S ft	+E/-W ft	VS ft	DLS deg/100ft	Build deg/100ft	Turn deg/100ft	TFO deg
4200.00	0.00	274.70	3890.29	106.80	-1298.39	1302.78	0.00	0.00	0.00	274.70
4300.00	0.00	274.70	3990.29	106.80	-1298.39	1302.78	0.00	0.00	0.00	274.70
4400.00	0.00	274.70	4090.29	106.80	-1298.39	1302.78	0.00	0.00	0.00	274.70
4500.00	0.00	274.70	4190.29	106.80	-1298.39	1302.78	0.00	0.00	0.00	274.70
4600.00	0.00	274.70	4290.29	106.80	-1298.39	1302.78	0.00	0.00	0.00	274.70
4700.00	0.00	274.70	4390.29	106.80	-1298.39	1302.78	0.00	0.00	0.00	274.70
4800.00	0.00	274.70	4490.29	106.80	-1298.39	1302.78	0.00	0.00	0.00	274.70
4900.00	0.00	274.70	4590.29	106.80	-1298.39	1302.78	0.00	0.00	0.00	274.70
5000.00	0.00	274.70	4690.29	106.80	-1298.39	1302.78	0.00	0.00	0.00	274.70
5014.71	0.00	274.70	4705.00	106.80	-1298.39	1302.78	0.00	0.00	0.00	274.70
5100.00	0.00	274.70	4790.29	106.80	-1298.39	1302.78	0.00	0.00	0.00	274.70



Company: Dominion E & P
Field: Natural Buttes Field
Site: HCU 7-33F
Well: HCU 7-33F
Wellpath: 1

Date: 11/22/2005 **Time:** 13:21:06
Co-ordinate(N/E) Reference: Site: HCU 7-33F, True North
Vertical (TVD) Reference: east.LKB @ 4955' 0.0
Section (VS) Reference: Site (0.00N,0.00E,274.70Azi)
Plan: **Plan #1**

Section 5 : Start Hold

MD ft	Incl deg	Azim deg	TVD ft	+N-S ft	+E-W ft	VS ft	DLS deg/100ft	Build deg/100ft	Turn deg/100ft	TFO deg
5200.00	0.00	274.70	4890.29	106.80	-1298.39	1302.78	0.00	0.00	0.00	274.70
5300.00	0.00	274.70	4990.29	106.80	-1298.39	1302.78	0.00	0.00	0.00	274.70
5400.00	0.00	274.70	5090.29	106.80	-1298.39	1302.78	0.00	0.00	0.00	274.70
5500.00	0.00	274.70	5190.29	106.80	-1298.39	1302.78	0.00	0.00	0.00	274.70
5600.00	0.00	274.70	5290.29	106.80	-1298.39	1302.78	0.00	0.00	0.00	274.70
5700.00	0.00	274.70	5390.29	106.80	-1298.39	1302.78	0.00	0.00	0.00	274.70
5800.00	0.00	274.70	5490.29	106.80	-1298.39	1302.78	0.00	0.00	0.00	274.70
5900.00	0.00	274.70	5590.29	106.80	-1298.39	1302.78	0.00	0.00	0.00	274.70
6000.00	0.00	274.70	5690.29	106.80	-1298.39	1302.78	0.00	0.00	0.00	274.70
6100.00	0.00	274.70	5790.29	106.80	-1298.39	1302.78	0.00	0.00	0.00	274.70
6200.00	0.00	274.70	5890.29	106.80	-1298.39	1302.78	0.00	0.00	0.00	274.70
6300.00	0.00	274.70	5990.29	106.80	-1298.39	1302.78	0.00	0.00	0.00	274.70
6314.71	0.00	274.70	6005.00	106.80	-1298.39	1302.78	0.00	0.00	0.00	274.70
6400.00	0.00	274.70	6090.29	106.80	-1298.39	1302.78	0.00	0.00	0.00	274.70
6500.00	0.00	274.70	6190.29	106.80	-1298.39	1302.78	0.00	0.00	0.00	274.70
6600.00	0.00	274.70	6290.29	106.80	-1298.39	1302.78	0.00	0.00	0.00	274.70
6700.00	0.00	274.70	6390.29	106.80	-1298.39	1302.78	0.00	0.00	0.00	274.70
6800.00	0.00	274.70	6490.29	106.80	-1298.39	1302.78	0.00	0.00	0.00	274.70
6900.00	0.00	274.70	6590.29	106.80	-1298.39	1302.78	0.00	0.00	0.00	274.70
7000.00	0.00	274.70	6690.29	106.80	-1298.39	1302.78	0.00	0.00	0.00	274.70
7100.00	0.00	274.70	6790.29	106.80	-1298.39	1302.78	0.00	0.00	0.00	274.70
7184.71	0.00	274.70	6875.00	106.80	-1298.39	1302.78	0.00	0.00	0.00	274.70
7200.00	0.00	274.70	6890.29	106.80	-1298.39	1302.78	0.00	0.00	0.00	274.70
7300.00	0.00	274.70	6990.29	106.80	-1298.39	1302.78	0.00	0.00	0.00	274.70
7400.00	0.00	274.70	7090.29	106.80	-1298.39	1302.78	0.00	0.00	0.00	274.70
7500.00	0.00	274.70	7190.29	106.80	-1298.39	1302.78	0.00	0.00	0.00	274.70
7600.00	0.00	274.70	7290.29	106.80	-1298.39	1302.78	0.00	0.00	0.00	274.70
7700.00	0.00	274.70	7390.29	106.80	-1298.39	1302.78	0.00	0.00	0.00	274.70
7800.00	0.00	274.70	7490.29	106.80	-1298.39	1302.78	0.00	0.00	0.00	274.70
7900.00	0.00	274.70	7590.29	106.80	-1298.39	1302.78	0.00	0.00	0.00	274.70
8000.00	0.00	274.70	7690.29	106.80	-1298.39	1302.78	0.00	0.00	0.00	274.70
8109.71	0.00	274.70	7800.00	106.80	-1298.39	1302.78	0.00	0.00	0.00	274.70

Survey

MD ft	Incl deg	Azim deg	TVD ft	+N-S ft	+E-W ft	VS ft	DLS deg/100ft	Build deg/100ft	Turn deg/100ft	Tool/Comment
0.00	0.00	274.70	0.00	0.00	0.00	0.00	0.00	0.00	0.00	
100.00	0.00	274.70	100.00	0.00	0.00	0.00	0.00	0.00	0.00	
200.00	0.00	274.70	200.00	0.00	0.00	0.00	0.00	0.00	0.00	
300.00	0.00	274.70	300.00	0.00	0.00	0.00	0.00	0.00	0.00	
400.00	0.00	274.70	400.00	0.00	0.00	0.00	0.00	0.00	0.00	
500.00	0.00	274.70	500.00	0.00	0.00	0.00	0.00	0.00	0.00	
550.00	0.00	274.70	550.00	0.00	0.00	0.00	0.00	0.00	0.00	KOP
600.00	1.75	274.70	599.99	0.06	-0.76	0.76	3.50	3.50	0.00	
700.00	5.25	274.70	699.79	0.56	-6.84	6.87	3.50	3.50	0.00	
800.00	8.75	274.70	799.03	1.56	-18.99	19.05	3.50	3.50	0.00	
900.00	12.25	274.70	897.34	3.06	-37.15	37.27	3.50	3.50	0.00	
1000.00	15.75	274.70	994.35	5.04	-61.25	61.46	3.50	3.50	0.00	
1100.00	19.25	274.70	1089.71	7.50	-91.22	91.53	3.50	3.50	0.00	
1200.00	22.75	274.70	1183.05	10.44	-126.93	127.36	3.50	3.50	0.00	
1300.00	26.25	274.70	1274.04	13.84	-168.25	168.82	3.50	3.50	0.00	
1400.00	29.75	274.70	1362.32	17.69	-215.04	215.76	3.50	3.50	0.00	
1443.28	31.26	274.70	1399.61	19.49	-236.93	237.73	3.50	3.50	0.00	
1500.00	31.26	274.70	1448.09	21.90	-266.27	267.17	0.00	0.00	0.00	
1600.00	31.26	274.70	1533.57	26.16	-318.00	319.07	0.00	0.00	0.00	
1700.00	31.26	274.70	1619.04	30.41	-369.72	370.97	0.00	0.00	0.00	
1800.00	31.26	274.70	1704.52	34.67	-421.45	422.87	0.00	0.00	0.00	
1900.00	31.26	274.70	1790.00	38.92	-473.17	474.77	0.00	0.00	0.00	
2000.00	31.26	274.70	1875.48	43.18	-524.89	526.67	0.00	0.00	0.00	



Ryan Energy Technologie

Planning Report



Company: Dominion E & P
Field: Natural Buttes Field
Site: HCU 7-33F
Well: HCU 7-33F
Wellpath: 1

Date: 11/22/2005 **Time:** 13:21:06 **Page:** 4
Co-ordinate(NE) Reference: HCU 7-33F, True North
Vertical (TVD) Reference: KB @ 4955' 0.0
Section (VS) Reference: Site (0.00N,0.00E,274.70Azi)
Plan: Plan #1

Survey

MD ft	Incl deg	Azim deg	TVD ft	+N-S ft	+E-W ft	VS ft	DLS deg/100ft	Build deg/100ft	Turn deg/100ft	Tool/Comment
2100.00	31.26	274.70	1960.95	47.43	-576.62	578.57	0.00	0.00	0.00	
2200.00	31.26	274.70	2046.43	51.68	-628.34	630.47	0.00	0.00	0.00	
2300.00	31.26	274.70	2131.91	55.94	-680.07	682.37	0.00	0.00	0.00	
2400.00	31.26	274.70	2217.39	60.19	-731.79	734.27	0.00	0.00	0.00	
2500.00	31.26	274.70	2302.86	64.45	-783.52	786.17	0.00	0.00	0.00	
2600.00	31.26	274.70	2388.34	68.70	-835.24	838.07	0.00	0.00	0.00	
2700.00	31.26	274.70	2473.82	72.96	-886.97	889.97	0.00	0.00	0.00	
2800.00	31.26	274.70	2559.30	77.21	-938.69	941.86	0.00	0.00	0.00	
2854.11	31.26	274.70	2605.55	79.52	-966.68	969.95	0.00	0.00	0.00	
2900.00	30.12	274.70	2645.01	81.44	-990.03	993.37	2.50	-2.50	0.00	
3000.00	27.62	274.70	2732.58	85.39	-1038.14	1041.65	2.50	-2.50	0.00	
3100.00	25.12	274.70	2822.17	89.03	-1082.40	1086.05	2.50	-2.50	0.00	
3200.00	22.62	274.70	2913.61	92.35	-1122.72	1126.51	2.50	-2.50	0.00	
3300.00	20.12	274.70	3006.73	95.34	-1159.03	1162.95	2.50	-2.50	0.00	
3400.00	17.62	274.70	3101.35	97.99	-1191.26	1195.28	2.50	-2.50	0.00	
3500.00	15.12	274.70	3197.29	100.30	-1219.34	1223.46	2.50	-2.50	0.00	
3569.87	13.37	274.70	3265.00	101.71	-1236.47	1240.65	2.50	-2.50	0.00	Wasatch Tongue
3600.00	12.62	274.70	3294.36	102.26	-1243.23	1247.43	2.50	-2.50	0.00	
3700.00	10.12	274.70	3392.39	103.88	-1262.87	1267.13	2.50	-2.50	0.00	
3800.00	7.62	274.70	3491.19	105.14	-1278.23	1282.55	2.50	-2.50	0.00	
3900.00	5.12	274.70	3590.57	106.05	-1289.28	1293.64	2.50	-2.50	0.00	
3944.58	4.00	274.70	3635.00	106.34	-1292.82	1297.18	2.50	-2.50	0.00	Uteland Limestone
4000.00	2.62	274.70	3690.33	106.60	-1296.01	1300.38	2.50	-2.50	0.00	
4104.71	0.00	274.70	3795.00	106.80	-1298.39	1302.78	2.50	-2.50	0.00	Wasatch
4200.00	0.00	274.70	3890.29	106.80	-1298.39	1302.78	0.00	0.00	0.00	
4300.00	0.00	274.70	3990.29	106.80	-1298.39	1302.78	0.00	0.00	0.00	
4400.00	0.00	274.70	4090.29	106.80	-1298.39	1302.78	0.00	0.00	0.00	
4500.00	0.00	274.70	4190.29	106.80	-1298.39	1302.78	0.00	0.00	0.00	
4600.00	0.00	274.70	4290.29	106.80	-1298.39	1302.78	0.00	0.00	0.00	
4700.00	0.00	274.70	4390.29	106.80	-1298.39	1302.78	0.00	0.00	0.00	
4800.00	0.00	274.70	4490.29	106.80	-1298.39	1302.78	0.00	0.00	0.00	
4900.00	0.00	274.70	4590.29	106.80	-1298.39	1302.78	0.00	0.00	0.00	
5000.00	0.00	274.70	4690.29	106.80	-1298.39	1302.78	0.00	0.00	0.00	
5014.71	0.00	274.70	4705.00	106.80	-1298.39	1302.78	0.00	0.00	0.00	Chapita Wells
5100.00	0.00	274.70	4790.29	106.80	-1298.39	1302.78	0.00	0.00	0.00	
5200.00	0.00	274.70	4890.29	106.80	-1298.39	1302.78	0.00	0.00	0.00	
5300.00	0.00	274.70	4990.29	106.80	-1298.39	1302.78	0.00	0.00	0.00	
5400.00	0.00	274.70	5090.29	106.80	-1298.39	1302.78	0.00	0.00	0.00	
5500.00	0.00	274.70	5190.29	106.80	-1298.39	1302.78	0.00	0.00	0.00	
5600.00	0.00	274.70	5290.29	106.80	-1298.39	1302.78	0.00	0.00	0.00	
5700.00	0.00	274.70	5390.29	106.80	-1298.39	1302.78	0.00	0.00	0.00	
5800.00	0.00	274.70	5490.29	106.80	-1298.39	1302.78	0.00	0.00	0.00	
5900.00	0.00	274.70	5590.29	106.80	-1298.39	1302.78	0.00	0.00	0.00	
6000.00	0.00	274.70	5690.29	106.80	-1298.39	1302.78	0.00	0.00	0.00	
6100.00	0.00	274.70	5790.29	106.80	-1298.39	1302.78	0.00	0.00	0.00	
6200.00	0.00	274.70	5890.29	106.80	-1298.39	1302.78	0.00	0.00	0.00	
6300.00	0.00	274.70	5990.29	106.80	-1298.39	1302.78	0.00	0.00	0.00	
6314.71	0.00	274.70	6005.00	106.80	-1298.39	1302.78	0.00	0.00	0.00	Uteland Buttes
6400.00	0.00	274.70	6090.29	106.80	-1298.39	1302.78	0.00	0.00	0.00	
6500.00	0.00	274.70	6190.29	106.80	-1298.39	1302.78	0.00	0.00	0.00	
6600.00	0.00	274.70	6290.29	106.80	-1298.39	1302.78	0.00	0.00	0.00	
6700.00	0.00	274.70	6390.29	106.80	-1298.39	1302.78	0.00	0.00	0.00	
6800.00	0.00	274.70	6490.29	106.80	-1298.39	1302.78	0.00	0.00	0.00	



Ryan Energy Technologies

Planning Report



Company: Dominion E & P
Field: Natural Buttes Field
Site: HCU 7-33F
Well: HCU 7-33F
Wellpath: 1

Date: 11/22/2005 **Time:** 13:21:06 **Page:** 5
Co-ordinate(NE) Reference: HCU 7-33F, True North
Vertical (TVD) Reference: KB @ 4955' 0.0
Section (VS) Reference: Site (0.00N,0.00E,274.70Azi)
Plan: Plan #1

Survey

MD ft	Incl deg	Azim deg	TVD ft	+N/-S ft	+E/-W ft	VS ft	DLS deg/100ft	Build deg/100ft	Turn deg/100ft	Tool/Comment
6900.00	0.00	274.70	6590.29	106.80	-1298.39	1302.78	0.00	0.00	0.00	
7000.00	0.00	274.70	6690.29	106.80	-1298.39	1302.78	0.00	0.00	0.00	
7100.00	0.00	274.70	6790.29	106.80	-1298.39	1302.78	0.00	0.00	0.00	
7184.71	0.00	274.70	6875.00	106.80	-1298.39	1302.78	0.00	0.00	0.00	Mesaverde
7200.00	0.00	274.70	6890.29	106.80	-1298.39	1302.78	0.00	0.00	0.00	
7300.00	0.00	274.70	6990.29	106.80	-1298.39	1302.78	0.00	0.00	0.00	
7400.00	0.00	274.70	7090.29	106.80	-1298.39	1302.78	0.00	0.00	0.00	
7500.00	0.00	274.70	7190.29	106.80	-1298.39	1302.78	0.00	0.00	0.00	
7600.00	0.00	274.70	7290.29	106.80	-1298.39	1302.78	0.00	0.00	0.00	
7700.00	0.00	274.70	7390.29	106.80	-1298.39	1302.78	0.00	0.00	0.00	
7800.00	0.00	274.70	7490.29	106.80	-1298.39	1302.78	0.00	0.00	0.00	
7900.00	0.00	274.70	7590.29	106.80	-1298.39	1302.78	0.00	0.00	0.00	
8000.00	0.00	274.70	7690.29	106.80	-1298.39	1302.78	0.00	0.00	0.00	
8109.71	0.00	274.70	7800.00	106.80	-1298.39	1302.78	0.00	0.00	0.00	BHL (Proposed)

Formations

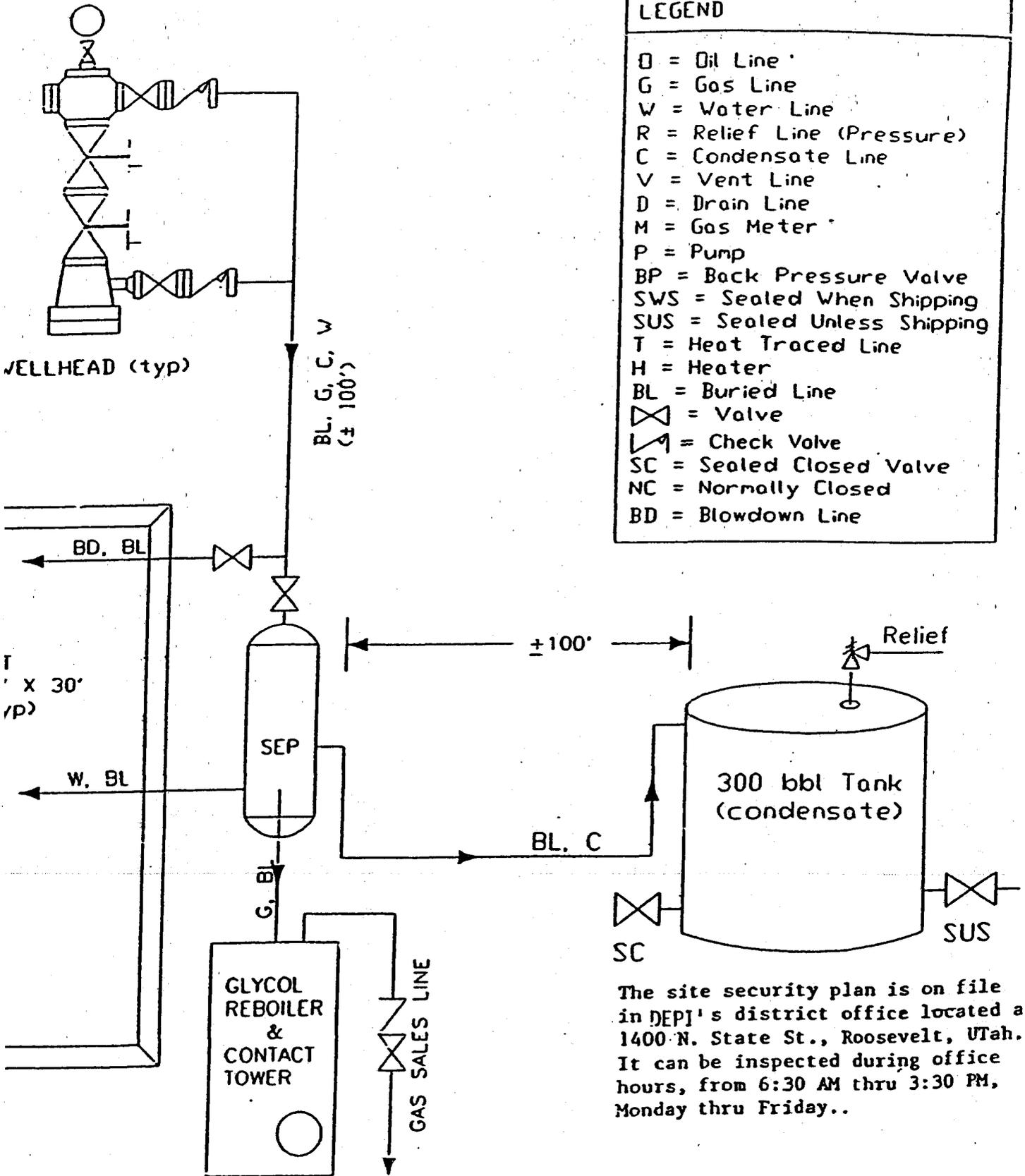
MD ft	TVD ft	Formations	Lithology	Dip Angle deg	Dip Direction deg
3569.87	3265.00	Wasatch Tongue		0.00	0.00
3944.58	3635.00	Uteland Limestone		0.00	0.00
4104.71	3795.00	Wasatch		0.00	0.00
5014.71	4705.00	Chapita Wells		0.00	0.00
6314.71	6005.00	Uteland Buttes		0.00	0.00
7184.71	6875.00	Mesaverde		0.00	0.00

Annotation

MD ft	TVD ft	
550.00	550.00	KOP
8109.71	7800.00	BHL (Proposed)

LEGEND

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



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

DOMINION EXPLORATION & PRODUCTION, INC.

not to scale

TYPICAL FLOW DIAGRAM

date: / /

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 7-33F
SHL: 2076' FNL & 700' FEL Section 33-10S-20E
BHL: 1950' FNL & 2000' FEL Section 33-10S-20E
Uintah County, UT

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

The tribal onsite inspection for the referenced well was conducted on Friday, October 14, 2005 at approximately 1:30 pm. In attendance at the onsite inspection were the following individuals:

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

1. Existing Roads:

- a. The proposed well site is located approximately 12.67 miles south of Ouray, UT.
- b. Directions to the proposed well site have been attached at the end of Exhibit B.
- c. The use of roads under State and County Road Department maintenance are necessary to access the Hill Creek Unit. However, an encroachment permit is not anticipated since no upgrades to the State or County Road system are proposed at this time.
- d. All existing roads will be maintained and kept in good repair during all phases of operation.
- e. Vehicle operators will obey posted speed restrictions and observe safe speeds commensurate with road and weather conditions.
- f. Since no improvements are anticipated to the State, County, Tribal or BLM access roads no topsoil striping will occur.
- g. An off-lease federal right-of-way is not anticipated for the access road or utility corridor since both are located within the existing Hill Creek Unit boundary.
- h. A tribal right-of-way has been submitted for the wellsite, access and pipeline disturbances on Ute Indian Tribe surface.

2. Planned Access Roads:

- a. The HCU 7-33F utilizes the access road presently existing for the HCU 8-33F in its entirety. No new access is proposed with this application.

3. Location of Existing Wells:

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

4. Location of Production Facilities:

- a. All permanent structures will be painted a flat, non-reflective Desert Brown to match the standard environmental colors. All facilities will be painted within six months of installation. Facilities required to comply with the Occupational Safety and Health Act (OSHA) may be excluded.
- b. Site security guidelines identified in 43 CFR 3163.7-5 and Onshore Oil and Gas Order No. 3 will be adhered to.
- c. A gas meter run will be constructed and located on lease within 500 feet of the wellhead. Meter runs will be housed and/or fenced. All gas production and measurement shall comply with the provisions of 43 CFR 3162.7-3, Onshore Oil and Gas Order No. 5, and American Gas Association (AGA) Report No. 3.
- d. A tank battery will be constructed on this lease, it will be surrounded by a dike of sufficient capacity to contain the storage capacity of the largest tank. All loading lines and valves will be placed inside the berm surrounding the tank battery. All liquid hydrocarbons production and measurement shall conform to the provisions of 43 CFR 3162.7-3 and Onshore Oil and Gas Order No. 4 and Onshore Oil and Gas Order No. 5 for natural gas production and measurement.
- e. Any necessary pits will be properly fenced to prevent any wildlife and livestock entry.
- f. All access roads will be maintained as necessary to prevent erosion and accommodate year-round traffic. The road will be maintained in a safe useable condition.
- g. The site will require periodic maintenance to ensure that drainages are kept open and free of debris, ice, and snow, and that surfaces are properly treated to reduce erosion, fugitive dust, and impacts to adjacent areas.
- h. The HCU 7-33F utilizes the pipeline corridor presently existing for the HCU 8-33F in its entirety. No new pipeline is proposed with this application.

5. Location and Type of Water Supply:

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

6. Source of Construction Material:

- a. The use of materials will conform to 43 CFR 3610.2-3.

- b. No construction materials will be removed from Ute Tribal or BLM lands.
- c. If any gravel is used, it will be obtained from a state approved gravel pit.

7. Methods of Handling Waste Disposal:

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

Vernal Wastewater Treatment Facility in accordance with state and county regulations.

8. Ancillary Facilities:

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

9. Well Site Layout: (See Exhibit B)

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

10. Plans for Restoration of the Surface:

- a. Site reclamation for a producing well will be accomplished for portions of the site not required for the continued operation of the well.
- b. The Operator will control noxious weeds along access road use authorizations, pipeline route

authorizations, well sites, or other applicable facilities by spraying or mechanical removal. A list of noxious weeds may be obtained from the BLM or the appropriate County Extension Office. On Tribal administered land, it is required that a Pesticide Use Proposal be submitted and approved prior to the application of herbicides, pesticides or possibly hazardous chemicals.

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

11. Surface and Mineral Ownership:

- a. Surface Ownership – Ute Indian Tribe under the management of the Bureau of Indian Affairs – Uintah and Ouray Agency, P.O. Box 130, 988 South 7500 East, Ft. Duchesne, Utah 84026, 435-722-4300.
- b. Mineral Ownership – Ute Indian Tribe under the management of the Bureau of Indian Affairs – Uintah and Ouray Agency, P.O. Box 130, 988 South 7500 East, Ft. Duchesne, Utah 84026, 435-722-4300.

12. Other Information:

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

13. Operator's Representative and Certification

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

Certification:

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

Signature: Don Hamilton Date: 12-1-05

DOMINION EXPLR. & PROD., INC.

HCU #8-33F, HCU #7-33F

SECTION 33, T10S, R20E, S.L.B.&M.

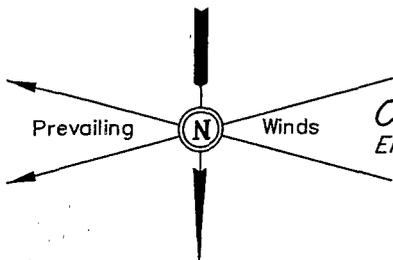
PROCEED IN A WESTERLY DIRECTION FROM VERNAL, UTAH ALONG U.S. HIGHWAY 40 APPROXIMATELY 14.0 MILES TO THE JUNCTION OF STATE HIGHWAY 88; EXIT LEFT AND PROCEED IN A SOUTHERLY DIRECTION APPROXIMATELY 17.0 MILES TO OURAY, UTAH; PROCEED IN A SOUTHERLY, THEN SOUTHEASTERLY DIRECTION APPROXIMATELY 9.1 MILES ON THE SEEP RIDGE ROAD TO THE JUNCTION OF THIS ROAD AND AN EXISTING ROAD TO THE SOUTH; TURN RIGHT AND PROCEED IN A SOUTHERLY DIRECTION APPROXIMATELY 5.7 MILES TO AN EXISTING ROAD TO THE WEST; TURN RIGHT AND PROCEED IN A WESTERLY, THEN NORTHWESTERLY DIRECTION APPROXIMATELY 0.1 MILES TO THE PROPOSED LOCATION.

TOTAL DISTANCE FROM VERNAL, UTAH TO THE PROPOSED WELL LOCATION IS APPROXIMATELY 45.9 MILES.

DOMINION EXPLR. & PROD., C.

LOCATION LAYOUT FOR

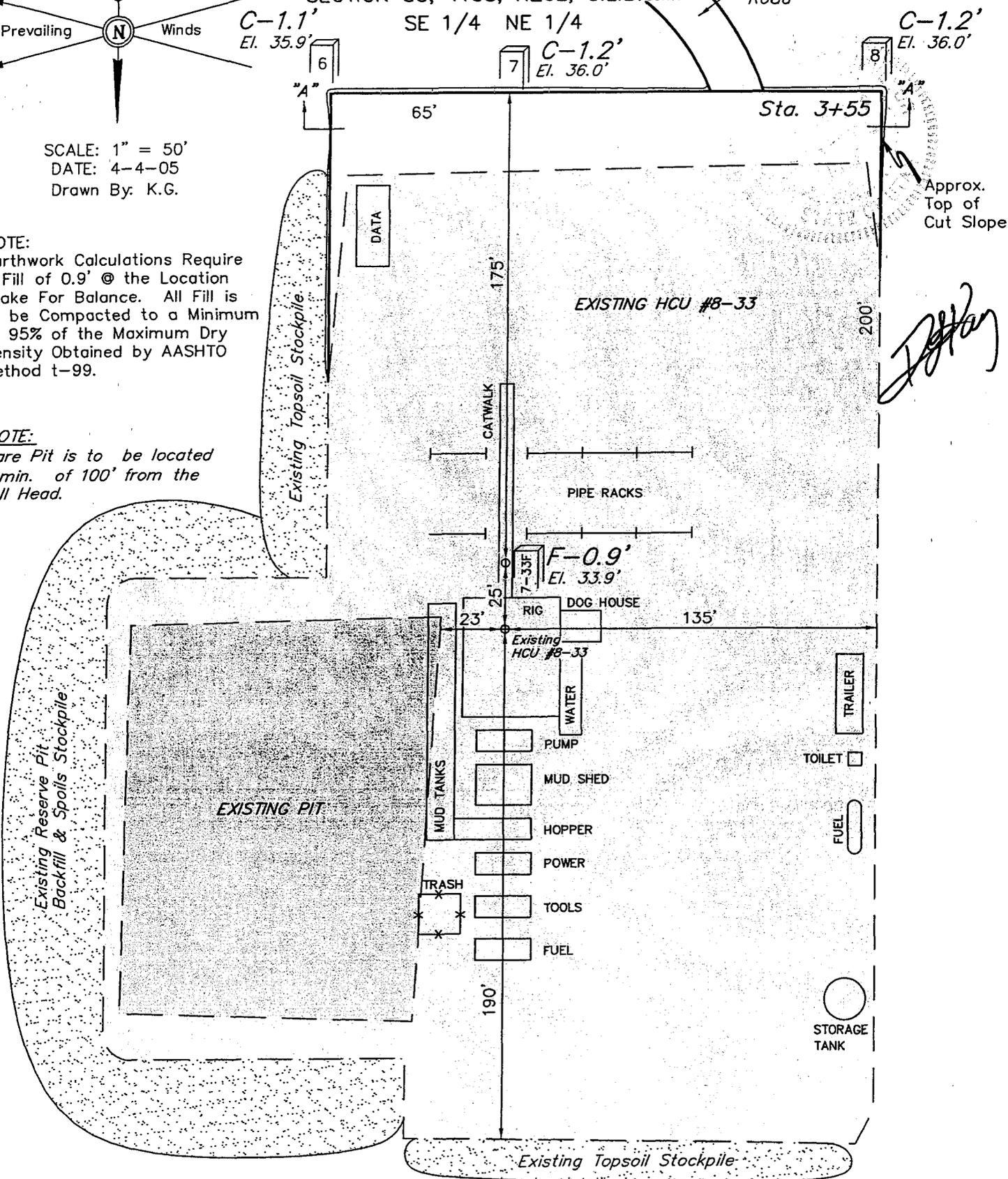
HCU #8-33F & #7-33F
SECTION 33, T10S, R20E, S.L.B.&M.
SE 1/4 NE 1/4



SCALE: 1" = 50'
DATE: 4-4-05
Drawn By: K.G.

NOTE:
Earthwork Calculations Require a Fill of 0.9' @ the Location Stake For Balance. All Fill is to be Compacted to a Minimum of 95% of the Maximum Dry Density Obtained by AASHTO Method t-99.

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



Approx. Top of Cut Slope

[Handwritten signature]

Elev. Graded Ground at Location Stake = 4934.8'

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

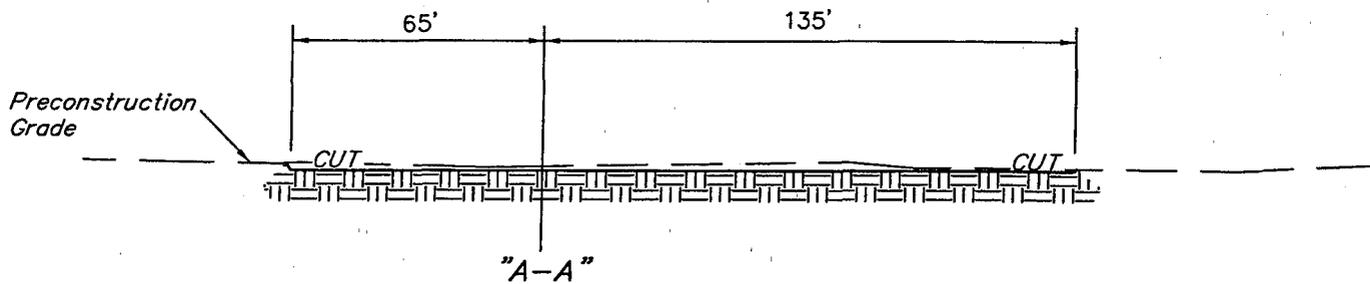
MINION EXPLR. & PROD., INC.

TYPICAL CROSS SECTIONS FOR

HCU #8-33F & #7-33F
SECTION 33, T10S, R20E, S.L.B.&M.
SE 1/4 NE 1/4

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

DATE: 4-4-05
Drawn By: K.G.



NOTE:

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

APPROXIMATE YARDAGES

CUT		
(12") Topsoil Stripping	= 220	Cu. Yds.
Remaining Location	= 0	Cu. Yds.
TOTAL CUT	= 220	CU.YDS.
FILL	= 140	CU.YDS.

*** NOTE:**

FILL QUANTITY INCLUDES 5% FOR COMPACTION

EXCESS MATERIAL	= 80	Cu. Yds.
Topsoil & Pit Backfill (1/2 Pit Vol.)	= 220	Cu. Yds.
EXCESS UNBALANCE (After Rehabilitation)	= <140>	Cu. Yds.
<i>(Obtain Deficit Material from Approved Barrow Area)</i>		

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

DOMINION EXPLR. & PROD., INC.

HCU #8-33F, HCU #7-33F
LOCATED IN UINTAH COUNTY, UTAH
SECTION 33, T10S, R20E, S.L.B.&M.



PHOTO: VIEW OF LOCATION STAKE

CAMERA ANGLE: WESTERLY



PHOTO: VIEW OF EXISTING ACCESS

CAMERA ANGLE: WESTERLY



- Since 1964 -

UELS

Uintah Engineering & Land Surveying

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

LOCATION PHOTOS

4
MONTH

30
DAY

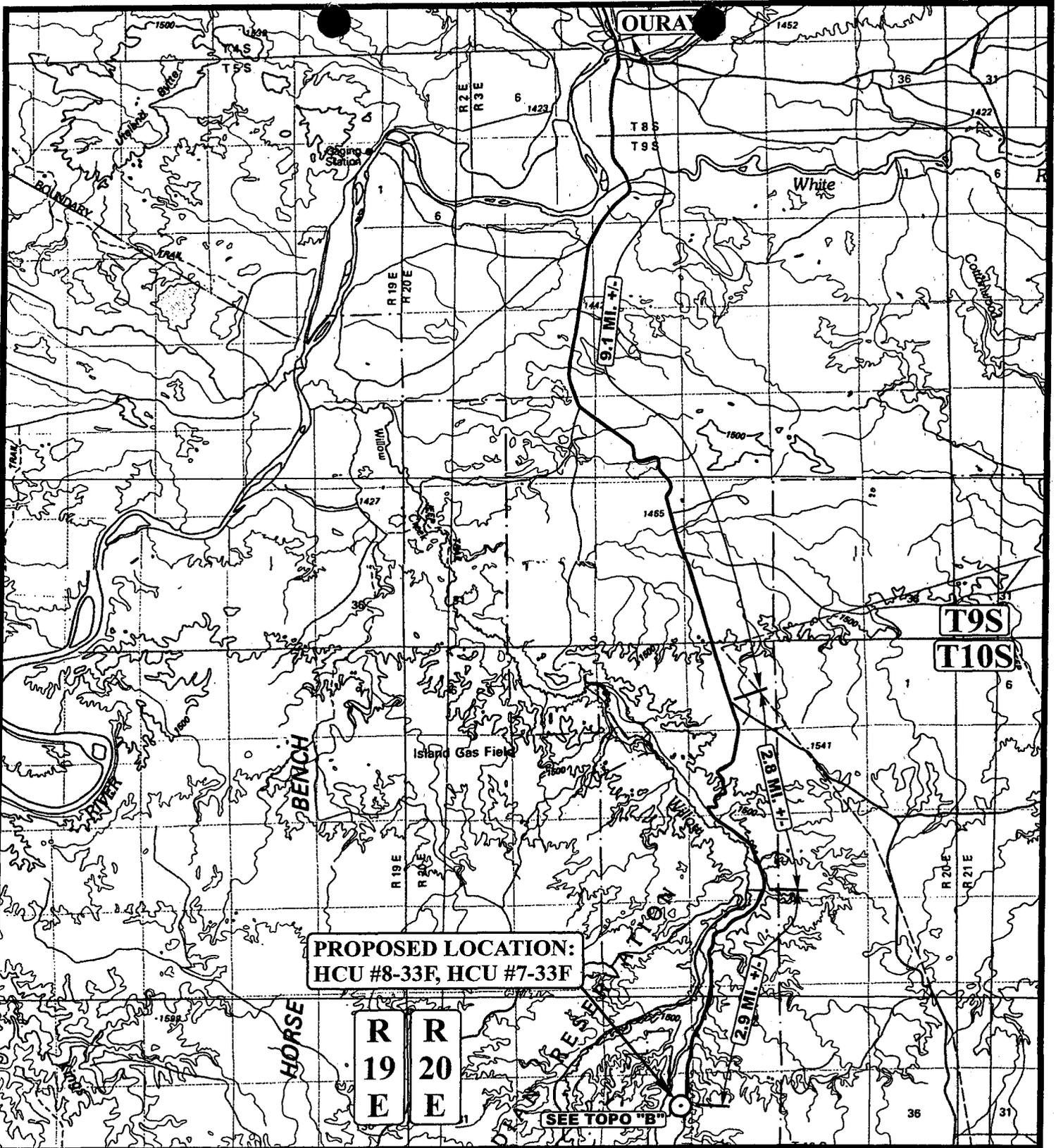
03
YEAR

PHOTO

TAKEN BY: N.H.

DRAWN BY: J.L.G.

REVISED: 03-23-05C.P.



**PROPOSED LOCATION:
HCU #8-33F, HCU #7-33F**

**R R
19 20
E E**

LEGEND:

⊙ PROPOSED LOCATION

DOMINION EXPLR. & PROD., INC.

HCU #8-33F, HCU #7-33F
SECTION 33, T10S, R20E, S.L.B.&M.
2076' FNL 700' FEL

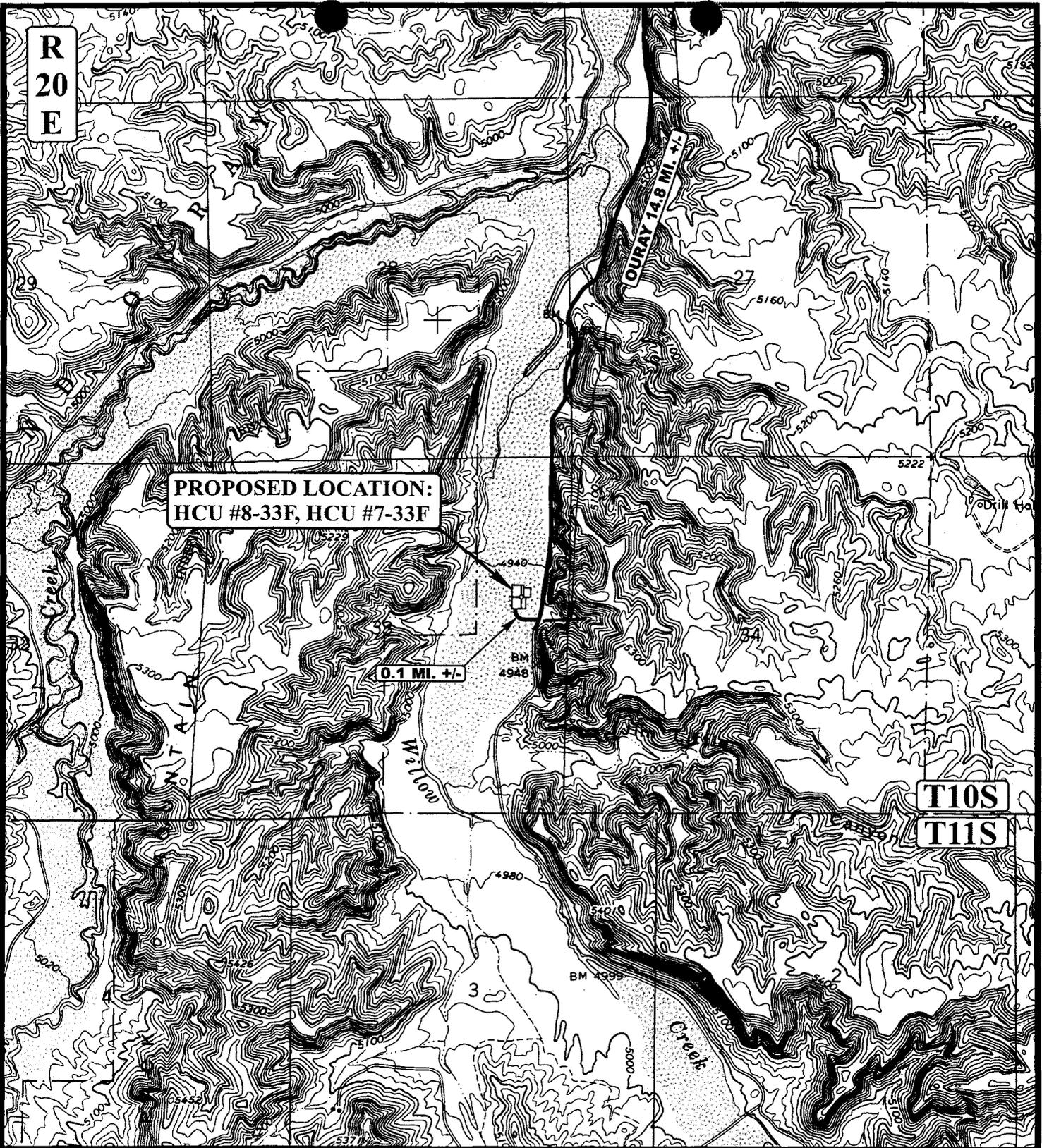


Uintah Engineering & Land Surveying
85 South 200 East Vernal, Utah 84078
(435) 789-1017 * FAX (435) 789-1813



TOPOGRAPHIC 4 30 03
MAP MONTH DAY YEAR
SCALE: 1:100,000 DRAWN BY: J.L.G. REVISED: 03-23-05CP





LEGEND:

— EXISTING ROAD



DOMINION EXPLR. & PROD., INC.

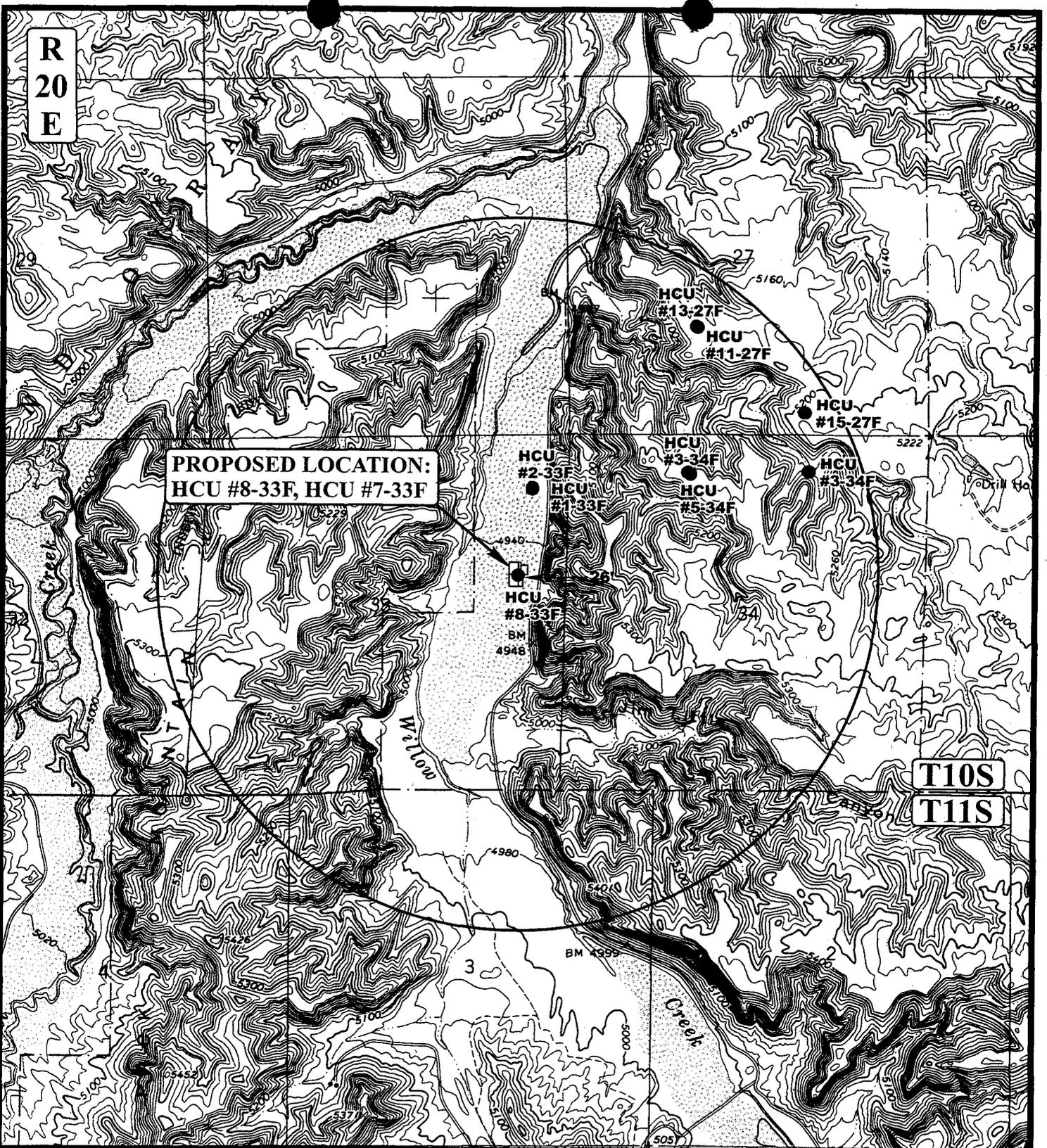
HCU #8-33F, HCU #7-33F
 SECTION 33, T10S, R20E, S.L.B.&M.
 2076' FNL 700' FEL



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

TOPOGRAPHIC MAP
 4 30 03
 MONTH DAY YEAR
 SCALE: 1" = 2000' DRAWN BY: J.L.G. REVISED: 03-23-05C.P.





R
20
E

**PROPOSED LOCATION:
HCU #8-33F, HCU #7-33F**

T10S
T11S

LEGEND:

- | | |
|-------------------|-------------------------|
| ∅ DISPOSAL WELLS | ♂ WATER WELLS |
| ● PRODUCING WELLS | ● ABANDONED WELLS |
| ● SHUT IN WELLS | ● TEMPORARILY ABANDONED |



DOMINION EXPLR. & PROD., INC.

HCU #8-33F, HCU #7-33F
SECTION 33, T10S, R20E, S.L.B.&M.
2076' FNL 700' FEL



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

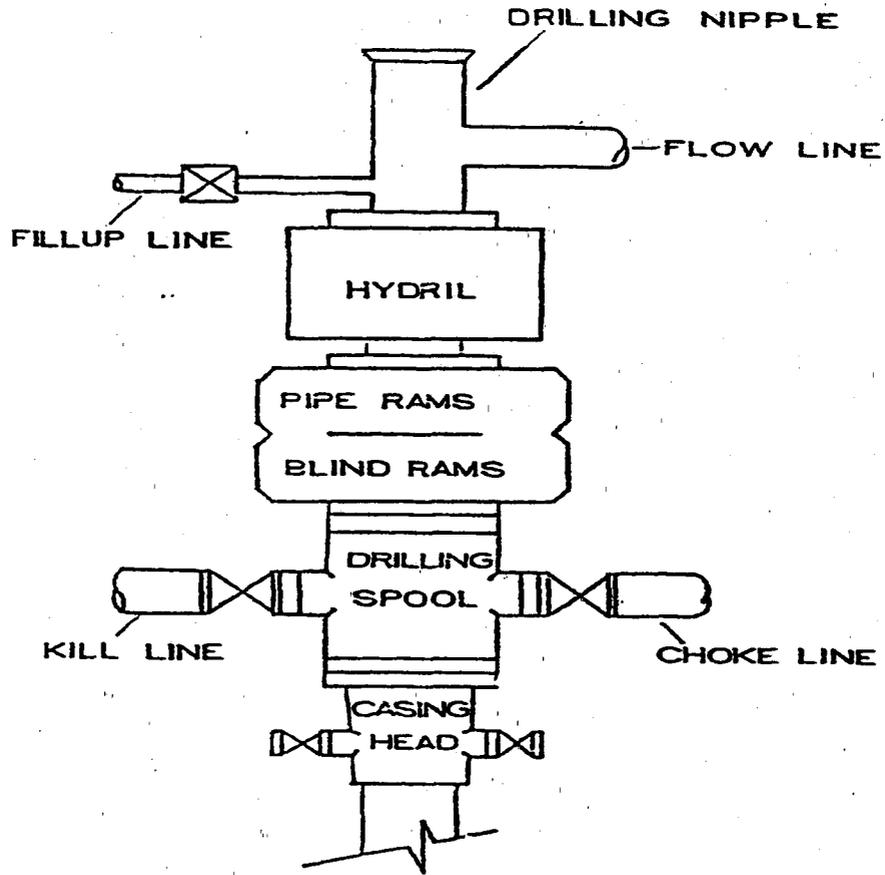
TOPOGRAPHIC MAP

4	30	03
MONTH	DAY	YEAR

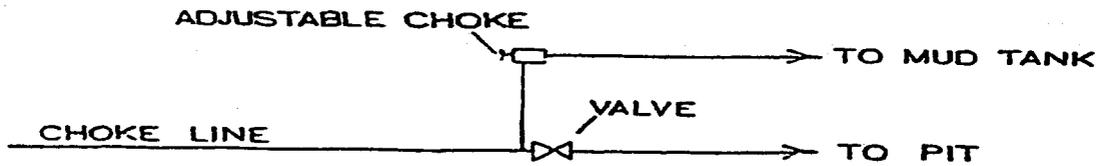
SCALE: 1" = 2000' | DRAWN BY: J.L.G. | REVISED: 03-23-05C.P.



BOP STACK - 3000 #



CHOKE MANIFOLD - 3000 #



**WORKSHEET
APPLICATION FOR PERMIT TO DRILL**

APD RECEIVED: 12/01/2005

API NO. ASSIGNED: 43-047-37447

WELL NAME: HCU 7-33F
 OPERATOR: DOMINION EXPL & PROD (N1095)
 CONTACT: DON HAMILTON

PHONE NUMBER: 435-650-1886

PROPOSED LOCATION:

SENE 33 100S 200E
 SURFACE: 2076 FNL 0700 FEL
SUNE BOTTOM: 1950 FNL 2000 FEL
 UINTAH
 NATURAL BUTTES (630)

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

LEASE TYPE: 2 - Indian
 LEASE NUMBER: 14-20-H62-4782
 SURFACE OWNER: 2 - Indian
 PROPOSED FORMATION: MVRD
 COALBED METHANE WELL? NO

LATITUDE: 39.90542
 LONGITUDE: -109.6623

RECEIVED AND/OR REVIEWED:

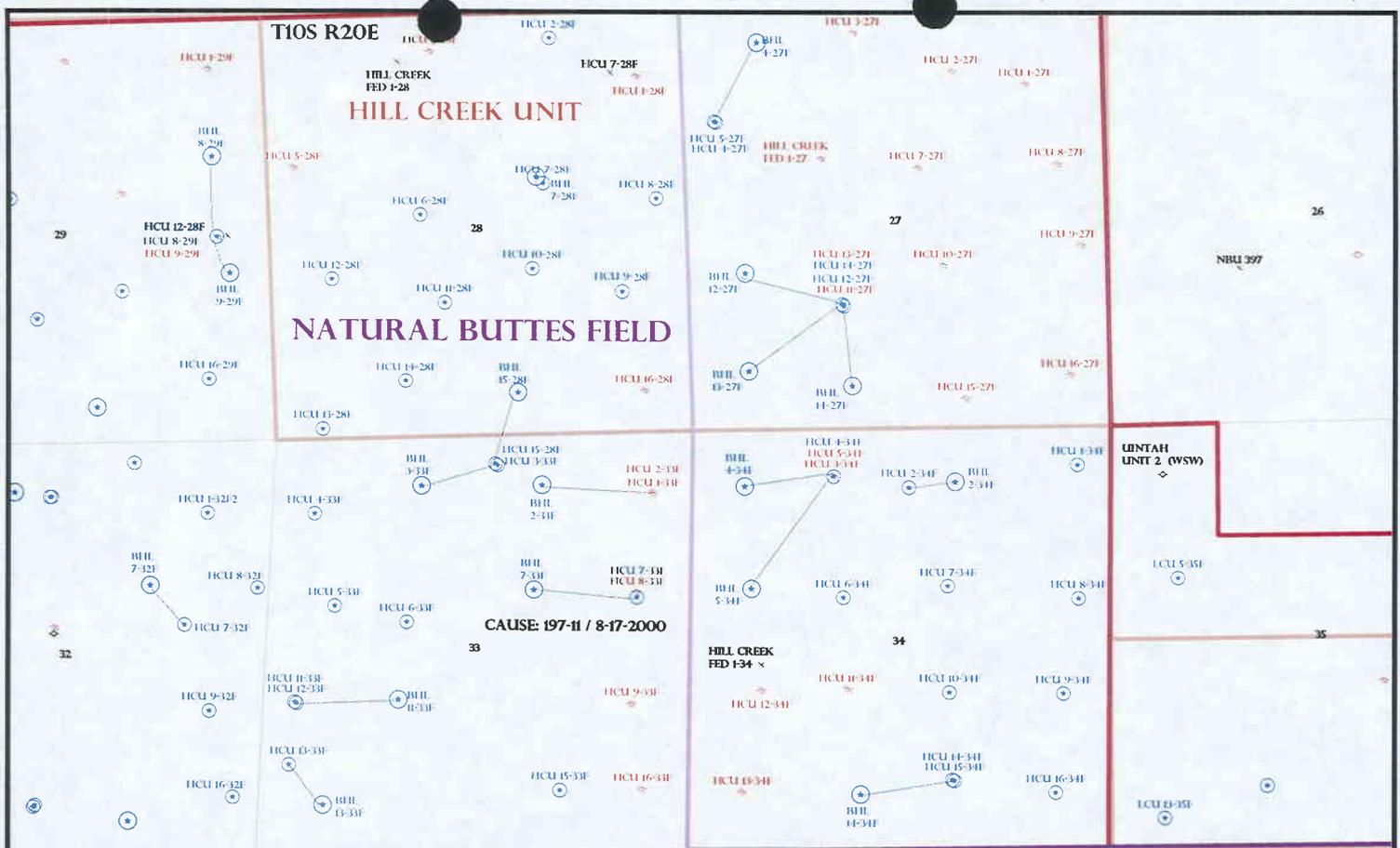
- Plat
- Bond: Fed[] Ind[2] Sta[] Fee[]
(No. 76S630500330)
- Potash (Y/N)
- Oil Shale 190-5 (B) or 190-3 or 190-13
- Water Permit
(No. 43-10447)
- RDCC Review (Y/N)
(Date: _____)
- Fee Surf Agreement (Y/N)
- Intent to Commingle (Y/N)

LOCATION AND SITING:

- R649-2-3.
- Unit HILL CREEK
- R649-3-2. General
Siting: 460 From Qtr/Qtr & 920' Between Wells
- R649-3-3. Exception
- Drilling Unit
Board Cause No: 197-11
Eff Date: 8-17-2000
Siting: Suspends General Siting
- R649-3-11. Directional Drilling

COMMENTS: _____

STIPULATIONS: 1- Fee Surf Agreement
2- OIL SHALE



OPERATOR: DOMINION EXPL & PROD (N1095)
 SEC: 33,34 T. 10S R. 20E
 FIELD: NATURAL BUTTES (630)
 COUNTY: UINTAH
 CAUSE: 197-11 / 8-17-2000

Field Status	Unit Status
ABANDONED	EXPLORATORY
ACTIVE	GAS STORAGE
COMBINED	NF PP OIL
INACTIVE	NF SECONDARY
PROPOSED	PENDING
STORAGE	PI OIL
TERMINATED	PP GAS
	PP GEOTHERML
	PP OIL
	SECONDARY
	TERMINATED

Wells Status

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



PREPARED BY: DIANA WHITNEY
 DATE: 7-DECEMBER-2005

United States Department of the Interior

BUREAU OF LAND MANAGEMENT

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

IN REPLY REFER TO:
3160
(UT-922)

December 7, 2005

Memorandum

To: Assistant District Manager Minerals, Vernal District

From: Michael Coulthard, Petroleum Engineer

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

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

API#	WELL NAME	LOCATION
(Proposed PZ MesaVerde)		
43-047-37444	HCU 15-33F Sec 33	T10S R20E 0815 FSL 1647 FEL
43-047-37447	HCU 7-33F Sec 33	T10S R20E 2076 FNL 0700 FEL
	BHL Sec 33	T10S R20E 1950 FNL 2000 FEL
43-047-37446	HCU 2-34F Sec 34	T10S R20E 0722 FNL 2557 FEL
	BHL Sec 34	T10S R20E 0660 FNL 1980 FEL
43-047-37445	HCU 8-34F Sec 34	T10S R20E 2154 FNL 0422 FEL

Our records indicate the 8-34F is closer than 460 feet from the Hill Creek Unit boundary.

We have no objections to permitting the wells so long as the unit operator receives an exception to the locating and siting requirements of the State of Utah (R649-3-2).

/s/ Michael L. Coulthard

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



State of Utah

**Department of
Natural Resources**

MICHAEL R. STYLER
Executive Director

**Division of
Oil, Gas & Mining**

JOHN R. BAZA
Division Director

JON M. HUNTSMAN, JR.
Governor

GARY R. HERBERT
Lieutenant Governor

December 8, 2005

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

Re: Hill Creek Unit 7-33F Well, Surface Location 2076' FNL, 700' FEL, SE NE,
Sec. 33, T. 10 South, R. 20 East, Bottom Location 1950' FNL, 2000' FEL,
SW NE, Sec. 33, 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 43-047-37447.

Sincerely,

Gil Hunt
Associate Director

pab
Enclosures

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

Operator: Dominion Exploration & Production, Inc.
Well Name & Number Hill Creek Unit 7-33F
API Number: 43-047-37447
Lease: 14-20-H62-4782

Surface Location: SE NE **Sec.** 33 **T.** 10 South **R.** 20 East
Bottom Location: SW NE **Sec.** 33 **T.** 10 South **R.** 20 East

Conditions of Approval

1. General

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

2. Notification Requirements

Notify the Division within 24 hours of spudding the well.

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

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

- Contact Dan Jarvis at (801) 538-5338

3. Reporting Requirements

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

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

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

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

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UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

APPLICATION FOR PERMIT TO DRILL OR REENTER

5. Lease Serial No. HTA 14-20-1162-4782 U-28203	
6. If Indian, Allottee or Tribe Name Ute Indian Tribe	
7. If Unit or CA Agreement, Name and No. Hill Creek Unit	
8. Lease Name and Well No. HCU 7-33F	
9. API Well No. 431047-37447	
10. Field and Pool, or Exploratory Natural Buttes	
11. Sec., T. R. M. or Blk. and Survey or Area Sec. 33 T10S, R20E, SLB&M	
12. County or Parish Uintah	13. State UT
14. Distance in miles and direction from nearest town or post office* 12.67 miles south of Ouray, Utah	
15. Distance from proposed* location to nearest property or lease line, ft. (Also to nearest drig. unit line, if any) 615'	16. No. of acres in lease 160 acres
17. Spacing Unit dedicated to this well 40 acres	
18. Distance from proposed location* to nearest well, drilling, completed, applied for, on this lease, ft. 25'	19. Proposed Depth 7,800' (8,110' MD)
20. BLM/BIA Bond No. on file 76S-63050-0330 - WY3322	
21. Elevations (Show whether DF, KDB, RT, GL, etc.) 4,934' GR	22. Approximate date work will start* 03/01/2006
23. Estimated duration 14 days	

24. Attachments

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

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

25. Signature Don Hamilton	Name (Printed/Typed) Don Hamilton	Date 12/01/2005
Title Agent for Dominion		
Approved by (Signature) Thomas B. Cleary	Name (Printed/Typed)	Date 04/25/2006
Title Assistant Field Manager Mineral Resources	Office	

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

CONDITIONS OF APPROVAL ATTACHED

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

*(Instructions on page 2)

NOTICE OF APPROVAL

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MAY 01 2006

DIV. OF OIL, GAS & MINING

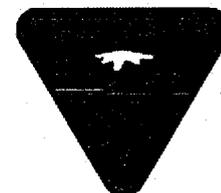
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UNITED STATES DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT
VERNAL FIELD OFFICE

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



CONDITIONS OF APPROVAL FOR APPLICATION FOR PERMIT TO DRILL

Company: **Dominion Expl. & Prod., Inc.** Location: **SENE, Sec 33, T10S, R20E**
Well No: **HCU 7-33F** Lease No: **UTU-28203**
API No: **43-047-37447** Agreement: **Hill Creek WS MV**

Petroleum Engineer:	Matt Baker	Office: 435-781-4490	Cell: 435-828-4470
Petroleum Engineer:	Michael Lee	Office: 435-781-4432	Cell: 435-828-7875
Petroleum Engineer:	Roger Hall	Office: 435-781-4470	
Supervisory Petroleum Technician:	Jamie Sparger	Office: 435-781-4502	Cell: 435-828-3913
Environmental Scientist:	Paul Buhler	Office: 435-781-4475	Cell: 435-828-4029
Environmental Scientist:	Karl Wright	Office: 435-781-4484	
Natural Resource Specialist:	Holly Villa	Office: 435-781-4404	
Natural Resource Specialist:	Melissa Hawk	Office: 435-781-4476	
Natural Resource Specialist:	Nathaniel West	Office: 435-781-4447	
Natural Resource Specialist:	Chris Carusona	Office: 435-781-4441	
Natural Resource Specialist:	Scott Ackerman	Office: 435-781-4437	
After Hours Contact Number: 435-781-4513		Fax: 435-781-4410	

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

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

NOTIFICATION REQUIREMENTS

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

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

VEGETATION/LANDSCAPE

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

SOILS/RANGE/WATERSHED

1. Soil erosion will be mitigated by reseeded all disturbed areas.
2. The pipelines are constructed to lie on the soil surface, and the right-of-way will not be bladed or cleared of vegetation.
3. Where pipelines are constructed parallel to roads they may be welded on the road and then lifted from the road onto the right-of-way.
4. Where pipelines do not parallel roads but cross country between stations, they shall be welded in place at well sites or on access roads and then pulled between stations with a suitable piece of equipment. Traffic will be restricted along these areas so that the pipeline right-of-way will not be used as an access road.

UTE TRIBAL REGULATIONS

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

GENERAL CONDITIONS OF APPROVAL

1. A 30 foot corridor right-of-way shall be approved. Upon completion of each pipeline in corridor, they shall be identified and filed with the Ute Tribe.
2. A qualified Archaeologist accompanied by a Tribal Technician will monitor trenching construction of pipeline.
3. The Ute Tribe Energy & Minerals Department is to be notified, in writing 48 hours prior to construction of pipeline.
4. Construction Notice shall be given to the department on the Ute Tribe workdays, which are Monday through Thursday. The Company understands that they may be responsible for costs incurred by the Ute Tribe after hours.
5. The Company shall inform contractors to maintain construction of pipelines within the approved ROWs.

6. The Company shall assure the Ute Tribe that “ALL CONTRACTORS, INCLUDING SUB-CONTRACTORS, LEASING CONTRACTORS, AND ETC.” have acquired a current and valid Ute Tribal Business License and have “Access Permits” prior to construction, and will have these permits in all vehicles at all times.
7. You are hereby notified that working under the “umbrella” of a company does not allow you to be in the field, and can be subject to those fines of the Ute Tribe Severance Tax Ordinance.
8. Any deviation of submitted APDs and ROW applications the Companies will notify the Ute Tribe and BIA in writing and will receive written authorization of any such change with appropriate authorization.
9. The Company will implement “Safety and Emergency Plan.” The Company’s safety director will ensure its compliance.
10. All Company employees and/or authorized personnel (sub-contractors) in the field will have approved applicable APDs and/or ROW permits/authorizations on their person(s) during all phases of construction.
11. All vehicular traffic, personnel movement, construction/restoration operations shall be confined to the area examined and approved, and to the existing roadways and/or evaluated access routes.
12. All personnel shall refrain from collecting artifacts, any paleontological fossils, and from disturbing any significant cultural resources in the area.
13. The personnel from the Ute Tribe Energy & Minerals Department shall be notified should cultural remains from subsurface deposits be exposed or identified during construction. All construction will cease.
14. All mitigative stipulations contained in the Bureau of Indian Affairs Site Specific Environmental Assessment (EA) will be strictly adhered.
15. Upon completion of Application for Corridor Right-of-Way, the company will notify the Ute Tribe Energy & Minerals Department, so that a Tribal Technician can verify Affidavit of Completion.

DOWNHOLE CONDITIONS OF APPROVAL

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

SITE SPECIFIC DOWNHOLE CONDITIONS OF APPROVAL

1. None.

DRILLING/COMPLETION/PRODUCING OPERATING STANDARDS

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

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

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

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

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

5. All shows of fresh water and minerals shall be reported and protected. A sample shall be taken of any water flows and a water analysis furnished the BLM, Vernal Field Office. All oil and gas shows shall be adequately tested for commercial possibilities, reported, and protected.
6. No location shall be constructed or moved, no well shall be plugged, and no drilling or workover equipment shall be removed from a well to be placed in a suspended status without prior approval of the BLM, Vernal Field Office. If operations are to be suspended for more than 30

days, prior approval of the BLM, Vernal Field Office shall be obtained and notification given before resumption of operations.

7. Chronologic drilling progress reports shall be filed directly with the BLM, Vernal Field Office on a weekly basis in sundry, letter format or e-mail to the Petroleum Engineers until the well is completed.

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

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

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

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

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

Please submit an electronic copy of all other logs run on this well in LAS format to UT_VN_Welllogs@BLM.gov. This submission will supersede the requirement for submittal of paper logs to the BLM.

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

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

10. Oil and gas meters shall be calibrated in place prior to any deliveries. The Field Office Petroleum Engineers will be provided with a date and time for the initial meter calibration and all future meter proving schedules. A copy of the meter calibration reports shall be submitted to the BLM, Vernal Field Office. All measurement facilities will conform to the API standards for liquid hydrocarbons and the AGA standards for natural gas measurement.
11. A schematic facilities diagram as required by Onshore Oil & Gas Order No. 3 shall be submitted to the BLM, Vernal Field Office within 30 days of installation or first production, whichever occurs first. All site security regulations as specified in Onshore Oil & Gas Order No. 3 shall be adhered to. All product lines entering and leaving hydrocarbon storage tanks will be effectively sealed in accordance with Onshore Oil & Gas Order No. 3.
12. This APD is approved subject to the requirement that, should the well be successfully completed for production, the BLM, Vernal Field office must be notified when it is placed in a producing status. Such notification will be by written communication and must be received in this office by not later than the fifth business day following the date on which the well is placed on production. The notification shall provide, as a minimum, the following informational items:
 - a. Operator name, address, and telephone number.
 - b. Well name and number.
 - c. Well location ($\frac{1}{4}$ / $\frac{1}{4}$, Sec., Twn, Rng, and P.M.).
 - d. Date well was placed in a producing status (date of first production for which royalty will be paid).
 - e. The nature of the well's production, (i.e., crude oil, or crude oil and casing head gas, or natural gas and entrained liquid hydrocarbons).
 - f. The Federal or Indian lease prefix and number on which the well is located; otherwise the non-Federal or non-Indian land category, i.e., State or private.
 - g. Unit agreement and / or participating area name and number, if applicable.
 - h. Communitization agreement number, if applicable.
13. Any venting or flaring of gas shall be done in accordance with Notice to Lessees (NTL) 4A and needs prior approval from Field Office Petroleum Engineers.
14. All undesirable events (fires, accidents, blowouts, spills, discharges) as specified in NTL 3A will be reported to the BLM, Vernal Field Office. Major events as defined in NTL3A, shall be reported verbally within 24 hours, followed by a written report within 15 days. "Other than Major Events" will be reported in writing within 15 days. "Minor Events" will be reported on the Monthly Report of Operations and Production

15. Pursuant to Onshore Oil & Gas Order No. 7, this is authorization for pit disposal of water produced from this well for a period of 90 days from the date of initial production. A permanent disposal method must be approved by this office and in operation prior to the end of this 90-day period. In order to meet this deadline, an application for the proposed permanent disposal method shall be submitted along with any necessary water analyses, as soon as possible, but no later than 45 days after the date of first production. Any method of disposal which has not been approved prior to the end of the authorized 90-day period will be considered as an Incident of Noncompliance and will be grounds for issuing a shut-in order until an acceptable manner for disposing of said water is provided and approved by this office.

16. Unless the plugging is to take place immediately upon receipt of oral approval, the Field Office Petroleum Engineers must be notified at least 24 hours in advance of the plugging of the well, in order that a representative may witness plugging operations. If a well is suspended or abandoned, all pits must be fenced immediately until they are backfilled. The "Subsequent Report of Abandonment" (Form BLM 3160-5) must be submitted within 30 days after the actual plugging of the well bore, showing location of plugs, amount of cement in each, and amount of casing left in hole, and the current status of the surface restoration.

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

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

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

SUBMIT IN TRIPLICATE - Other Instructions on reverse side

1. Type of Well

Oil Well Gas Well Other

CONFIDENTIAL

2. Name of Operator

Dominion Exploration & Production, Inc.

3a. Address

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

3b. Phone No. (include area code)

(405) 749-5237

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

SH - 2076' FNL & 700' FEL, SENE, Sec. 33-10S-20E
BH - 1950' FNL & 2000' FEL, SWNE, Sec. 33-10S-20E

5. Lease Serial No.

~~14-20-4782~~ 14-20-H62-4782

6. If Indian, Allottee or Tribe Name

Ute Indian Tribe

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

Hill Creek Unit

8. Well Name and No.

HCU 7-33F

9. API Well No.

43-047-37447

10. Field and Pool, or Exploratory Area

Natural Buttes

11. County or Parish, State

Uintah, UT

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

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

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

The state APD for this well expires December 8, 2006. Dominion is hereby requesting a one year extension.

Approved by the
Utah Division of
Oil, Gas and Mining

Date: 11-21-06
By: *[Signature]*

COPY SENT TO OPERATOR
Date: 11-21-06
Initials: *[Signature]*

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

Barbara Lester

Title Regulatory Specialist

Signature

[Signature]

Date 11/16/2006

THIS SPACE FOR FEDERAL OR STATE OFFICE USE

Approved by

Title

Date

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

Office

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

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NOV 20 2006

DIV. OF OIL, GAS & MINING

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

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

API: 43-047-37447
Well Name: HCU 7-33F
Location: Section 33-10S-20E, 2076' FNL & 700' FEL
Company Permit Issued to: Dominion Exploration & Production, Inc.
Date Original Permit Issued: 12/8/2005

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

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

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

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

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

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

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

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

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


Signature

11/16/2006

Date

Title: Regulatory Specialist

Representing: Dominion Exploration & Production, Inc.

CONFIDENTIAL

DIVISION OF OIL, GAS AND MINING

SPUDDING INFORMATION

Name of Company: DOMINION EXPL & PROD INC

Well Name: HCU 7-33F

Api No: 43-047-37447 Lease Type: INDIAN

Section 33 Township 10S Range 20E County UINTAH

Drilling Contractor BILL JRS RIG # 6

SPUDDED:

Date 02/18/07

Time 6:00 PM

How DRY

Drilling will Commence: _____

Reported by PAT WISENER

Telephone # (435) 828-1455

Date 02/20/2007 Signed CHD

ENTITY ACTION FORM

Operator: Dominion Exploration & Production, Inc. Operator Account Number: N 1095
 Address: 14000 Quail Springs Parkway, Suite 600
city Oklahoma City
state OK zip 73134 Phone Number: (405) 749-5237

Well 1

API Number	Well Name		QQ	Sec	Twp	Rng	County
43-047-37447	HCU 7-33F		SENE	33	10S	20E	Uintah
Action Code	Current Entity Number	New Entity Number	Spud Date		Entity Assignment Effective Date		
AB	99999	12829	2/18/2007		2/22/07		
Comments: <u>MVRD = WSMVD</u> <u>BHL = SWNE</u>							CONFIDENTIAL

Well 2

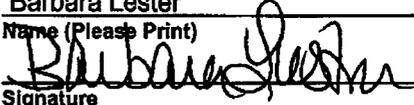
API Number	Well Name		QQ	Sec	Twp	Rng	County
Action Code	Current Entity Number	New Entity Number	Spud Date		Entity Assignment Effective Date		
Comments:							

Well 3

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

ACTION CODES:

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

Barbara Lester
 Name (Please Print)

 Signature
Regulatory Specialist 2/19/2007
 Title Date

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FEB 20 2007

FACSIMILE COVER PAGE

To : Utah Division of Oil, Gas & Mining
Sent : 3/14/2007 at 4:01:38 PM
Subject : HCU 7-33F

From : g
Pages : 2 (including Cover)

CONFIDENTIAL

43-047-37447
33 10s 20e

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MAR 14 2007
DIV. OF OIL, GAS & MINING



WELL CHRONOLOGY REPORT

WELL NAME : HCU 7-33F
Event No: 1
DISTRICT : WESTERN
FIELD : NATURAL BUTTES 630
LOCATION : 2076' FNL 700' FEL SEC 33 T 10S R 20E
COUNTY & STATE : UINTAH
UT
CONTRACTOR :
WI % : 100.00 AFE # : 0504732
API # : 43-047-37447
PLAN DEPTH : 8,110
SPUD DATE : 02/18/07
DHC : \$863,500
CWC : \$751,662
AFE TOTAL : \$1,615,162
FORMATION : WASATCH/MESAVERDE
EVENT DC : \$153,597.00
EVENT CC : \$0.00
EVENT TC : \$153,597.00
WELL TOTL COST : \$153,597
REPORT DATE: 02/19/07
MD : 550
TVD : 0
DAYS :
MW :
VISC :
DAILY : DC : \$153,597.00
CC : \$0.00
TC : \$153,597.00
CUM : DC : \$153,597.00
CC : \$0.00
TC : \$153,597.00

DAILY DETAILS : MIRU BILL JRS # 6. SPUD WELL ON 2/18/07 @ 6:00PM. DRILL 550' OF 17.5" HOLE. RUN 12 JT'S 13.375", 48#, H-40 CSGN. SET @ 522'/GL CEMENT W/ 500 SKS TAIL MIXED @ 15.8 PPG & 1.15 YLD. RETURNED 5 BBLs CEMENT TO PIT. WAIT 12 HOURS RUN 25' OF 1 INCH AND TOP OFF W/ 50 SKS MIXED @ 15.8 PPG & 1.15 YLD W/ 2 BBLs CEMENT TO SURFACE AND STAYED. VERNAL BLM REP JAMIE SPARGER WITNESSED.

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MAR 14 2007

DIV. OF OIL, GAS & MINING

FACSIMILE COVER PAGE

To : Utah Division of Oil, Gas & Mining

Sent : 3/22/2007 at 10:54:18 AM

Subject : HCU 7-33F

From : g

Pages : 2 (including Cover)

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43-047-37447
33 10s 20e

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MAR 22 2007

DIV. OF OIL, GAS & MINING



WELL CHRONOLOGY REPORT

WELL NAME : HCU 7-33F

DISTRICT : WESTERN

FIELD : NATURAL BUTTES 630

Event No: 1

LOCATION : 2076' FNL 700' FEL SEC 33 T 10S R 20E

COUNTY & STATE : UINTAH

UT

CONTRACTOR :

WI % : 100.00 AFE # : 0504732

API # : 43-047-37447

PLAN DEPTH : 8,110

SPUD DATE : 02/18/07

DHC : \$863,500

CWC : \$751,662

AFE TOTAL : \$1,615,162

FORMATION : WASATCH/MESAVERDE

EVENT DC : \$153,597.00

EVENT CC : \$0.00

EVENT TC : \$153,597.00

WELL TOTL COST : \$153,597

REPORT DATE: 02/19/07

MD : 550

TVD : 0

DAYS :

MW :

VISC :

DAILY : DC : \$153,597.00

CC : \$0.00

TC : \$153,597.00

CUM : DC : \$153,597.00

CC : \$0.00

TC : \$153,597.00

DAILY DETAILS : MIRU BILL JRS # 6. SPUD WELL ON 2/18/07 @ 6:00PM. DRILL 550' OF 17.5" HOLE. RUN 12 JT'S 13.375", 48#, H-40 CSGN. SET @ 522'/GL CEMENT W/ 500 SKS TAIL MIXED @ 15.8 PPG & 1.15 YLD. RETURNED 5 BBLS CEMENT TO PIT. WAIT 12 HOURS RUN 25' OF 1 INCH AND TOP OFF W/ 50 SKS MIXED @ 15.8 PPG & 1.15 YLD W/ 2 BBLS CEMENT TO SURFACE AND STAYED. VERNAL BLM REP JAMIE SPARGER WITNESSED.

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Pages : 2 (including Cover)

Subject : HCU 7-33F

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43-047-37447
33 10s 20e

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WELL CHRONOLOGY REPORT

WELL NAME : HCU 7-33F

DISTRICT : WESTERN

FIELD : NATURAL BUTTES 630

Event No: 1

LOCATION : 2076' FNL 700' FEL SEC 33 T 10S R 20E

COUNTY & STATE : UINTAH

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EVENT CC : \$0.00

EVENT TC : \$153,597.00

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REPORT DATE: 02/19/07

MD : 550

TVD : 0

DAYS :

MW :

VISC :

DAILY : DC : \$153,597.00

CC : \$0.00

TC : \$153,597.00

CUM : DC : \$153,597.00

CC : \$0.00

TC : \$153,597.00

DAILY DETAILS: MIRU BILL JRS # 6. SPUD WELL ON 2/18/07 @ 6:00PM. DRILL 550' OF 17.5" HOLE. RUN 12 JT'S 13.375", 48#, H-40 CSGN. SET @ 522'/GL CEMENT W/ 500 SKS TAIL MIXED @ 15.8 PPG & 1.15 YLD. RETURNED 5 BBLS CEMENT TO PIT. WAIT 12 HOURS RUN 25' OF 1 INCH AND TOP OFF W/ 50 SKS MIXED @ 15.8 PPG & 1.15 YLD W/ 2 BBLS CEMENT TO SURFACE AND STAYED. VERNAL BLM REP JAMIE SPARGER WITNESSED.

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Subject : HCU 7-33F T10S R20E S-33

43-042-37447

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DIV. OF OIL, GAS & MINING

CONFIDENTIAL

DEPI Well Operations Chronology Report

Well: HCU 7-33F		API: 430473744700		Rpt No.: 1	DOL:	DFS:	Report Date: 2/19/2007	
Operator: DOMINION EXPLORATION & PRODUCTION INC				UWI:				
Rig Name:				Final Surface Location:				
Event: DRILL		Start Date: 1/4/2007		Spud Dt.: 2/18/2007		Type: Drill, complete, & equip a 7800' TVD Wasatch/Mesaverde well.		
Supervisor: PAT WISENER		Engineer:		AFE No.: 0504732		Authorized Days:		
Active Datum: NO REF ELEV FROM PERC @0.0ft		Ground Elev.: 4,934.00		VM:		Authorized MD/TVD: 3,494		
CURRENT DEPTH			HOLE SIZE	MUD WEIGHT	LAST CASING			
MD(ft)	TVD(ft)	24 Hr. Progress			SIZE	MD	TVD	LOT(EMW)
550.00	550.00	560.0(ft)			(")	(ft)	(ft)	(ppg)
FORMATION/TARGET NAME				MD TOP (ft)	TVD TOP (ft)	NEXT CASING		
						SIZE	MD	TVD
						(")	(ft)	(ft)
Daily Detail: MIRU BILL JRS # 6. SPUD WELL ON 2/18/07 @ 6:00PM. DRILL 550' OF 17.5" HOLE. RUN 12 JT'S 13.375", 48#, H-40 CSGN. SET @ 522'GL CEMENT W/ 500 SKS TAIL MIXED @ 15.8 PPG & 1.15 YLD. RETURNED 5 BBLS CEMENT TO PIT. WAIT 12 HOURS RUN 25' OF 1 INCH AND TOP OFF W/ 50 SKS MIXED @ 15.8 PPG & 1.15 YLD W/ 2 BBLS CEMENT TO SURFACE AND STAYED. VERNAL BLM REP JAMIE SPARGER WITNESSED.				Well Costs (\$)				
						AFE	Actual	
				Daily Cost			153,597.00	
				Cumulative Total		1,615,182.00	153,597.00	

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 APR 10 2007
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FACSIMILE COVER PAGE

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Subject : HCU 7-33F *TIOS R20E S-33*

43-047-39447

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RECEIVED
APR 27 2007
DIV. OF OIL, GAS & MINING

DEPI Well Operations Chronology Report

Well: HCU 7-33F		API:		Rot. No.: 1	DOL:	DFS:	Report Date: 2/19/2007		
Operator: DOMINION EXPLORATION & PRODUCTION INC				UWI:					
Rig Name:				Final Surface Location:					
Event: DRILL		Start Date: 1/4/2007		Spud Dt: 2/18/2007		Type: Drill, complete, & equip a 7800' TVD Wasatch/Mesaverde well.			
Supervisor: PAT WISENER		Engineer:		AFE No.: 0504732		Authorized Days:			
Active Datum: NO REF ELEV FROM PERC @ 0.0ft		Ground Elev.: 4,934.00		WI:		Authorized MD/TVD: 3,494			
CURRENT DEPTH			HOLE SIZE	MUD WEIGHT	LAST CASING				
MD(ft)	TVD(ft)	24 Hr. Progress			SIZE	MD	TVD	LOT(EMW)	
550.00	550.00	550.0(ft)			(")	(ft)	(ft)	(ppg)	
FORMATION/TARGET NAME				MD TOP (ft)	TVD TOP (ft)	NEXT CASING			
						SIZE	MD	TVD	
						(")	(ft)	(ft)	
Daily Detail: MIRU BILL JRS # 6. SPUD WELL ON 2/18/07 @ 6:00PM. DRILL 550' OF 17.5" HOLE. RUN 12 JT'S 13.375", 48#, H-40 CSGN. SET @ 522'/GL CEMENT W/ 500 SKS TAIL MIXED @ 15.8 PPG & 1.15 YLD. RETURNED 5 BBLS CEMENT TO PIT. WAIT 12 HOURS RUN 25' OF 1 INCH AND TOP OFF W 50 SKS MIXED @ 15.8 PPG & 1.15 YLD W/ 2 BBLS CEMENT TO SURFACE AND STAYED. VERNAL BLM REP JAMIE SPARGER WITNESSED.						Well Costs (\$)			
								AFE	Actual
						Daily Cost			153,597.00
						Cumulative Total		1,815,162.00	153,597.00

CONFIDENTIAL

CONFIDENTIAL

DEPI Well Operations Chronology Report

37447

Well: HCU 7-33F		API: 43.047.3947		Rpt No.: 1	DOL:	DFS:	Report Date: 2/19/2007
Operator: DOMINION EXPLORATION & PRODUCTION INC				UWI: 33 105 20e			
Rig Name:				Final Surface Location:			
Event: DRILL		Start Date: 1/4/2007		Spud Dt.: 2/18/2007		Type: Drill, complete, & equip a 7800' TVD Wasatch/Mesaverde well.	
Supervisor: PAT WISENER		Engineer:		AFE No.: 0504732		Authorized Days:	
Active Datum: NO REF ELEV FROM PERC @0.0ft		Ground Elev.: 4,934.00		WI:		Authorized MD/TVD: 3,494	
CURRENT DEPTH			HOLE SIZE	MUD WEIGHT	LAST CASING		
MD(ft)	TVD(ft)	24 Hr. Progress			SIZE	MD	TVD
550.00	550.00	550.0(ft)			(")	(ft)	(ft)
FORMATION/TARGET NAME				MD TOP (ft)	TVD TOP (ft)	NEXT CASING	
						SIZE	MD
						(")	(ft)
							TVD
							(ft)
Daily Detail: MIRU BILL JRS # 6. SPUD WELL ON 2/18/07 @ 6:00PM. DRILL 550' OF 17.5" HOLE. RUN 12 JT'S 13.375", 48#, H-40 CSGN. SET @ 522'/GL CEMENT W/ 500 SKS TAIL MIXED @ 15.8 PPG & 1.15 YLD. RETURNED 5 BBLS CEMENT TO PIT. WAIT 12 HOURS RUN 25' OF 1 INCH AND TOP OFF W/ 50 SKS MIXED @ 15.8 PPG & 1.15 YLD W/ 2 BBLS CEMENT TO SURFACE AND STAYED. VERNAL BLM REP JAMIE SPARGER WITNESSED.				Well Costs (\$)			
					AFE	Actual	
				Daily Cost		153,597.00	
				Cumulative Total	1,615,162.00	153,597.00	

RECEIVED
 MAY 10 2007
 DIV. OF OIL, GAS & MINING

Form 3160-5
(August, 1999)

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

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.

FORM APPROVED
OMB No. 1004-0135

Expires: November 30, 2000

5. Lease Serial No.
14-20-H62-4782

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

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

8. Well Name and No.
HCU 7-33F

9. API Well No.
43-047-37447

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

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

4. Location of Well (Footage, Sec., T., R., M., or Survey Description)
SHL - 2076' FNL & 700' FEL, SENE, Sec. 33-10S-20E
BHL - 1950' FNL & 2000' FEL, SWNE, Sec. 33-10S-20E

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

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

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

Dominion requests to change the directional drilling plan slightly. The intermediate casing will now be set at 4150'. Please find attached new directional drilling plans.

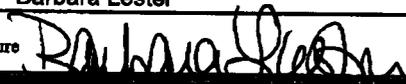
14. I hereby certify that the foregoing is true and correct

Name (Printed/Typed)

Barbara Lester

Title **Regulatory Specialist**

Signature



Date **5/16/2007**

Approved by

Title

Date

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

Office

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

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

RECEIVED

MAY 16 2007

DIV. OF OIL, GAS & MINING

DIRECTIONAL DRILLING PLAN**APPROVAL OF OPERATIONS****Attachment for Permit to Drill**

Name of Operator: Dominion Exploration & Production
Address: 14000 Quail Springs Parkway, Suite 600
 Oklahoma City, OK 73134
Well Location: HCU 7-33F
 SHL: 2076' FNL & 700' FEL, Sec. 33-10S-20E
 BHL: 1950' FNL & 2000' FEL, Sec. 33-10S-20E
 Uintah County, UT

1. **GEOLOGIC SURFACE FORMATION** Uintah

2. **ESTIMATED DEPTHS OF IMPORTANT GEOLOGIC MARKERS**

<u>Formation</u>	<u>Depth (MD)</u>
Wasatch Tongue	3,265'
Uteland Limestone	3,635'
Wasatch	3,795'
Chapita Wells	4,705'
Uteland Buttes	6,005'
Mesaverde	6,875'

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

<u>Formation</u>	<u>Depth (MD)</u>	<u>Type</u>
Wasatch Tongue	3,265'	Oil
Uteland Limestone	3,635'	Oil
Wasatch	3,795'	Gas
Chapita Wells	4,705'	Gas
Uteland Buttes	6,005'	Gas
Mesaverde	6,875'	Gas

4. **PROPOSED CASING PROGRAM**

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

<u>Type</u>	<u>Size</u>	<u>Weight</u>	<u>Grade</u>	<u>Conn.</u>	<u>Top</u>	<u>Bottom (MD)</u>	<u>Hole</u>
Surface	13-3/8"	48.0 ppf	H-40	STC	0'	500'	17-1/2"
Intermediate	9-5/8"	36.0 ppf	J-55	STC	0'	4,150'	12-1/4"
Production	5-1/2"	17.0 ppf	MAV-80	LTC	0'	7,800'	7-7/8"

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

Surface hole: No BOPE will be utilized.

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

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

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

DRILLING PLAN**APPROVAL OF OPERATIONS**

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

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

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

6. **MUD SYSTEMS**

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

<u>Depths (MD)</u>	<u>Mud Weight (ppg)</u>	<u>Mud System</u>
0' - 500'	8.4	Air foam mist, no pressure control
500' - 3,150'	8.6	Fresh water, rotating head and diverter
3,150' - 4,150'	8.6	Fresh water/2% KCL/KCL mud system

7. **BLOOIE LINE**

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

8. **AUXILIARY EQUIPMENT TO BE USED**

- Kelly cock.
- 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 "G" cement with 2% CaCl₂ and 1/4 #/sk. Polyflake (volume includes 70% excess). Top out as necessary. Casing to be centralized with a total of 5 centralizers.

b. Intermediate Casing Cement:

- Drill 12-1/4" hole to 4,150' (MD) ±, run and cement 9-5/8".
- Pump 20 bbls lightly weighted water spacer followed by 5 bbls fresh water. Displace with any available water.
- Casing to be run with: a) guide shoe b) insert float c) three (3) centralizers, one on each of first 3 joints d) stop ring for plug one joint off bottom e) bottom three joints thread locked f) pump job with bottom plug only. Casing to be centralized with a total of 15 centralizers.
- Cement to surface not required due to surface casing set deeper than normal.

<u>Type</u>	<u>Sacks</u>	<u>Interval (MD)</u>	<u>Density</u>	<u>Yield</u>	<u>Hole</u>	<u>Cement</u>
					<u>Volume</u>	<u>Volume</u>
Lead	499	0'-3,150'	10.5 ppg	4.14 CFS	1181 CF	2,067 CF
Tail	254	3,150'-4,150'	15.6 ppg	1.2 CFS	174 CF	304 CF

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

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

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

c. Production Casing Cement:

- Drill 7-7/8" hole to 7,800' (MD) ±, run and cement 5 1/2".
- Pump 20 bbl Mud Clean II unweighted spacer, followed by 20 Bbls fresh H2O spacer.
- Displace with 2% KCL.
- Production casing to be centralized with 30 centralizers.

<u>Type</u>	<u>Sacks</u>	<u>Interval (MD)</u>	<u>Density</u>	<u>Yield</u>	<u>Hole</u>	<u>Cement</u>
					<u>Volume</u>	<u>Volume</u>
Lead	90	2,995'-3,795'	11.5 ppg	3.12 CFS	139 CF	277 CF
Tail	800	3,795'-7,800'	13.0 ppg	1.75 CFS	694 CF	1388 CF

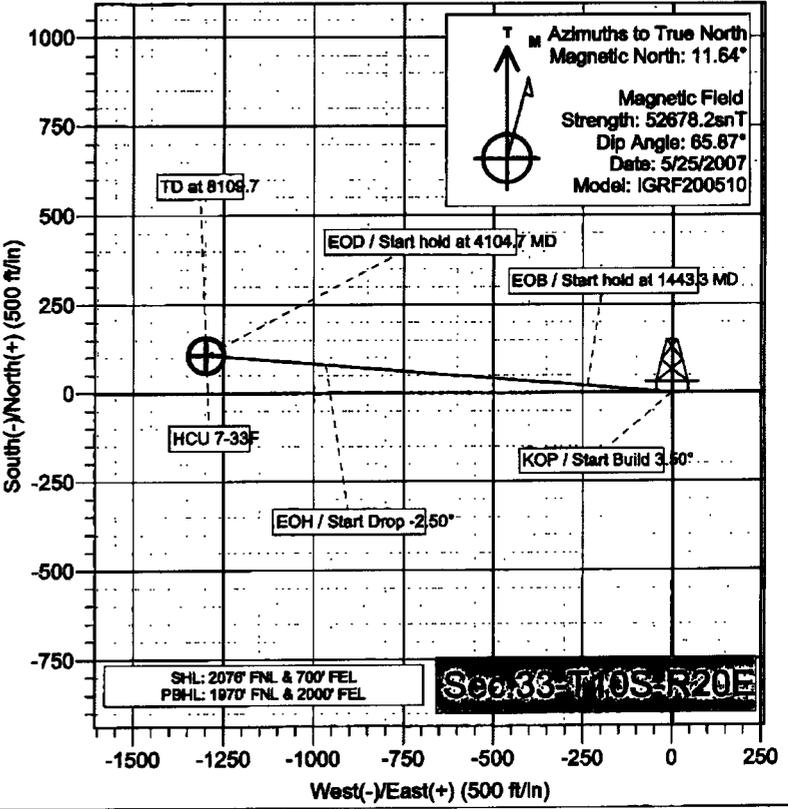
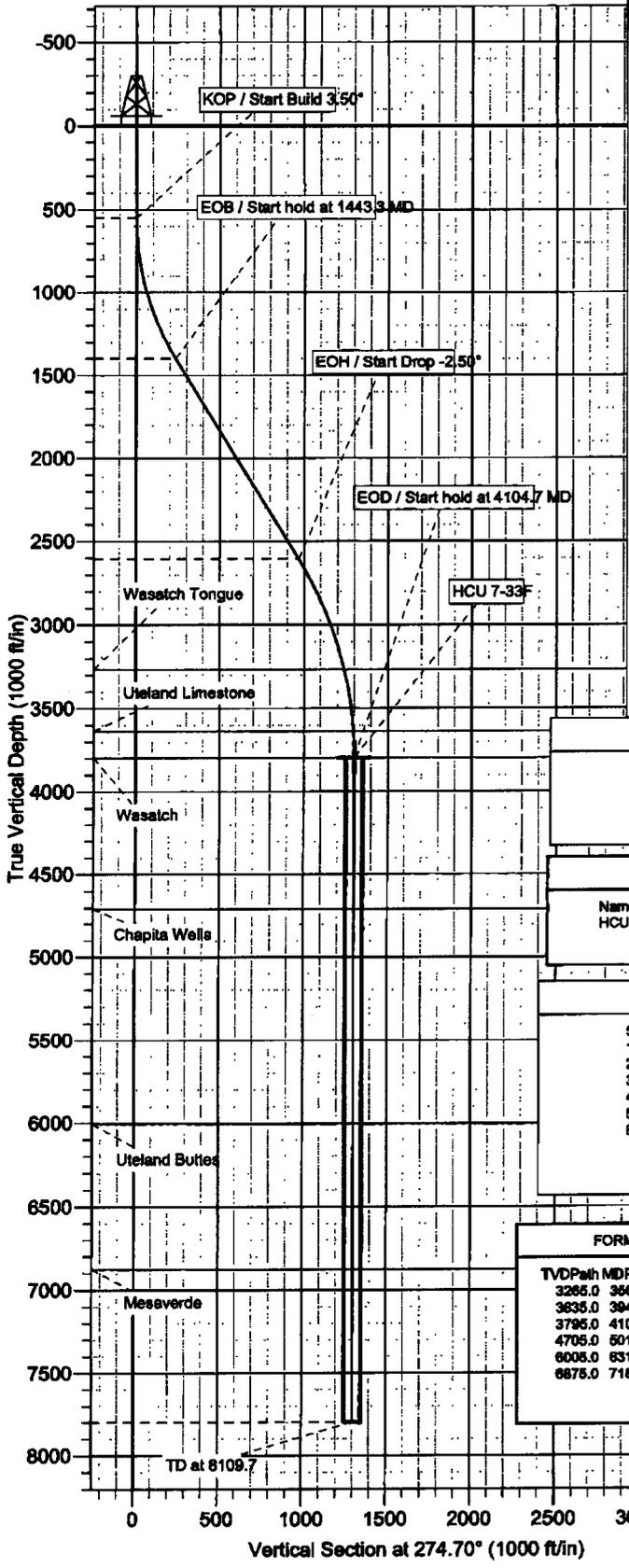
Production design volumes based on 35% excess of gauge hole. Actual volumes will be calculated from caliper log to bring lead cement to 800' above top of Wasatch + 15% excess, and tail cement to top of Wasatch +15%.

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

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

13. ANTICIPATED STARTING DATE AND DURATION OF THE OPERATIONS

Starting Date: September 16, 2007
 Duration: 14 Days



WELL DETAILS: HCU 7-33F

+N/-S	+E/-W	Northing	Ground Level:	4935.0	Slot
0.0	0.0	7139566.86	Easting	2155709.92	
			Latitude	39° 54' 19.530 N	
			Longitude	109° 39' 46.840 W	

WELLBORE TARGET DETAILS (LAT/LONG)

Name	TVD	+N/-S	+E/-W	Latitude	Longitude	Shape
HCU 7-33F	3795.0	106.8	-1298.4	39° 54' 20.585 N	109° 40' 3.903 W	Circle (Radius: 50.0)

SECTION DETAILS

Sec	MD	Inc	Azi	TVD	+N/-S	+E/-W	DLeg	TFace	VSec	Target
1	0.0	0.00	0.00	0.0	0.0	0.0	0.00	0.00	0.0	
2	550.0	0.00	0.00	550.0	0.0	0.0	0.00	0.00	0.0	
3	1443.3	31.26	274.70	1399.6	19.5	-236.9	3.50	274.70	237.7	
4	2854.1	31.26	274.70	2805.5	79.5	-865.7	0.00	0.00	969.9	
5	4104.7	0.00	0.00	3795.0	106.8	-1298.4	2.50	180.00	1302.8	HCU 7-33F
6	8109.7	0.00	0.00	7900.0	106.8	-1298.4	0.00	0.00	1302.8	

FORMATION TOP DETAILS

TVD	MD	Path	Formation
3265.0	3569.9		Wasatch Tongue
3635.0	3944.8		Uteland Limestone
3795.0	4104.7		Wasatch
4705.0	5014.7		Chapita Wells
6005.0	6314.7		Uteland Buttes
6875.0	7184.7		Mesaverde

ANNOTATIONS

TVD	MD	Annotation
550.0	550.0	KOP / Start Build 3.50°
1399.6	1443.3	EOB / Start hold at 1443.3 MD
2805.5	2854.1	EOH / Start Drop -2.50°
3795.0	4104.7	EOD / Start hold at 4104.7 MD
7800.0	8109.7	TD at 8109.7



Dominion E & P

**Uintah Co., Utah
Sec.33-T10S-R20E
HCU 7-33F
Wellbore #1**

Plan: Plan #1

Pathfinder Planning Report

08 May, 2007





Pathfinder Energy Services
Planning Report



Database:	EDM 2003.16 Single User Db	Local Coordinate Reference:	Well HCU 7-33F
Company:	Dominion E & P	TVD Reference:	WELL @ 4955.0ft (Original Well Elev)
Project:	Uintah Co., Utah	MD Reference:	WELL @ 4955.0ft (Original Well Elev)
Site:	Sec.33-T10S-R20E	North Reference:	True
Well:	HCU 7-33F	Survey Calculation Method:	Minimum Curvature
Wellbore Design:	Wellbore #1 Plan #1		

Project:	Uintah Co., Utah		
Map System:	US State Plane 1983	System Datum:	Mean Sea Level
Geo Datum:	North American Datum 1983		
Map Zone:	Utah Central Zone		

Site:	Sec.33-T10S-R20E				
Site Position:		Northing:	7,139,566.86 ft	Latitude:	39° 54' 19.530 N
From:	Lat/Long	Easting:	2,155,709.92 ft	Longitude:	109° 39' 46.640 W
Position Uncertainty:	0.0 ft	Slot Radius:	"	Grid Convergence:	1.18 °

Well:	HCU 7-33F					
Well Position	+N/-S	0.0 ft	Northing:	7,139,566.86 ft	Latitude:	39° 54' 19.530 N
	+E/-W	0.0 ft	Easting:	2,155,709.92 ft	Longitude:	109° 39' 46.640 W
Position Uncertainty		0.0 ft	Wellhead Elevation:	ft	Ground Level:	4,935.0 ft

Wellbore:	Wellbore #1				
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Magnetics	Model Name	Sample Date	Declination (°)	Dip Angle (°)	Field Strength (nT)
	IGRF200510	5/25/2007	11.64	65.87	52,678

Design:	Plan #1				
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Audit Notes:					
Version:	Phase:	PROTOTYPE	Tie On Depth:	0.0	
Vertical Section:	Depth From (TVD)	+N/-S	+E/-W	Direction	
	(ft)	(ft)	(ft)	(°)	
	0.0	0.0	0.0	274.70	

Plan Sections										
Measured Depth (ft)	Inclination (°)	Azimuth (°)	Vertical Depth (ft)	+N/-S (ft)	+E/-W (ft)	Dogleg Rate (°/100ft)	Bull's Rate (°/100ft)	Turn Rate (°/100ft)	TFO (°)	Target
0.0	0.00	0.00	0.0	0.0	0.0	0.00	0.00	0.00	0.00	
550.0	0.00	0.00	550.0	0.0	0.0	0.00	0.00	0.00	0.00	
1,443.3	31.26	274.70	1,399.6	19.5	-236.9	3.50	3.50	0.00	274.70	
2,854.1	31.26	274.70	2,605.5	79.5	-966.7	0.00	0.00	0.00	0.00	
4,104.7	0.00	0.00	3,795.0	106.8	-1,298.4	2.50	-2.50	0.00	180.00	HCU 7-33F
8,109.7	0.00	0.00	7,800.0	106.8	-1,298.4	0.00	0.00	0.00	0.00	



Pathfinder Energy Services
Planning Report



Database	EDM 2003.16 Single User Db	Local CGO Control Network	Well HCU 7-33F
Company	Dominion E & P	TVD Reference	WELL @ 4955.0ft (Original Well Elev)
Project	Uintah Co., Utah	MD Reference	WELL @ 4955.0ft (Original Well Elev)
Site	Sec.33-T10S-R20E	North Reference	True
Well	HCU 7-33F	Survey Calculation Method	Minimum Curvature
Wellbore	Wellbore #1		
Design	Plan #1		

Planned Survey										
Measured Depth (ft)	Inclination (°)	Azimuth (°)	Vertical Depth (ft)	+N/-S (ft)	+E/-W (ft)	Vertical Section (ft)	Dogleg Rate (°/100ft)	Build Rate (°/100ft)	Turn Rate (°/100ft)	
KOP / Start Build 3.50°										
550.0	0.00	0.00	550.0	0.0	0.0	0.0	0.00	0.00	0.00	
600.0	1.75	274.70	600.0	0.1	-0.8	0.8	3.50	3.50	0.00	
700.0	5.25	274.70	699.8	0.6	-6.8	6.9	3.50	3.50	0.00	
800.0	8.75	274.70	799.0	1.6	-19.0	19.1	3.50	3.50	0.00	
900.0	12.25	274.70	897.3	3.1	-37.1	37.3	3.50	3.50	0.00	
1,000.0	15.75	274.70	994.4	5.0	-61.3	61.5	3.50	3.50	0.00	
1,100.0	19.25	274.70	1,089.7	7.5	-91.2	91.5	3.50	3.50	0.00	
1,200.0	22.75	274.70	1,183.1	10.4	-126.9	127.4	3.50	3.50	0.00	
1,300.0	26.25	274.70	1,274.0	13.8	-168.3	168.8	3.50	3.50	0.00	
1,400.0	29.75	274.70	1,362.3	17.7	-215.0	215.8	3.50	3.50	0.00	
EOB / Start hold at 1443.3 MD										
1,443.3	31.26	274.70	1,399.6	19.5	-236.9	237.7	3.50	3.50	0.00	
1,500.0	31.26	274.70	1,448.1	21.9	-266.3	267.2	0.00	0.00	0.00	
1,600.0	31.26	274.70	1,533.6	26.2	-318.0	319.1	0.00	0.00	0.00	
1,700.0	31.26	274.70	1,619.0	30.4	-369.7	371.0	0.00	0.00	0.00	
1,800.0	31.26	274.70	1,704.5	34.7	-421.4	422.9	0.00	0.00	0.00	
1,900.0	31.26	274.70	1,790.0	38.9	-473.2	474.8	0.00	0.00	0.00	
2,000.0	31.26	274.70	1,875.5	43.2	-524.9	526.7	0.00	0.00	0.00	
2,100.0	31.26	274.70	1,961.0	47.4	-576.6	578.6	0.00	0.00	0.00	
2,200.0	31.26	274.70	2,046.4	51.7	-628.3	630.5	0.00	0.00	0.00	
2,300.0	31.26	274.70	2,131.9	55.9	-680.1	682.4	0.00	0.00	0.00	
2,400.0	31.26	274.70	2,217.4	60.2	-731.8	734.3	0.00	0.00	0.00	
2,500.0	31.26	274.70	2,302.9	64.4	-783.5	786.2	0.00	0.00	0.00	
2,600.0	31.26	274.70	2,388.3	68.7	-835.2	838.1	0.00	0.00	0.00	
2,700.0	31.26	274.70	2,473.8	73.0	-887.0	890.0	0.00	0.00	0.00	
2,800.0	31.26	274.70	2,559.3	77.2	-938.7	941.9	0.00	0.00	0.00	
EOH / Start Drop -2.50°										
2,854.1	31.26	274.70	2,605.5	79.5	-966.7	969.9	0.00	0.00	0.00	
2,900.0	30.12	274.70	2,645.0	81.4	-990.0	993.4	2.50	-2.50	0.00	
3,000.0	27.82	274.70	2,732.6	85.4	-1,038.1	1,041.6	2.50	-2.50	0.00	
3,100.0	25.12	274.70	2,822.2	89.0	-1,082.4	1,086.1	2.50	-2.50	0.00	
3,200.0	22.62	274.70	2,913.6	92.4	-1,122.7	1,126.5	2.50	-2.50	0.00	
3,300.0	20.12	274.70	3,006.7	95.3	-1,159.0	1,162.9	2.50	-2.50	0.00	
3,400.0	17.62	274.70	3,101.3	98.0	-1,191.3	1,195.3	2.50	-2.50	0.00	
3,500.0	15.12	274.70	3,197.3	100.3	-1,219.3	1,223.5	2.50	-2.50	0.00	
Wasatch Tongue										
3,569.9	13.37	274.70	3,265.0	101.7	-1,236.5	1,240.7	2.50	-2.50	0.00	
3,600.0	12.62	274.70	3,294.4	102.3	-1,243.2	1,247.4	2.50	-2.50	0.00	
3,700.0	10.12	274.70	3,392.4	103.9	-1,262.9	1,267.1	2.50	-2.50	0.00	
3,800.0	7.62	274.70	3,491.2	105.1	-1,278.2	1,282.5	2.50	-2.50	0.00	
3,900.0	5.12	274.70	3,590.6	106.1	-1,289.3	1,293.6	2.50	-2.50	0.00	
Uteland Limestone										
3,944.6	4.00	274.70	3,635.0	106.3	-1,292.8	1,297.2	2.50	-2.50	0.00	
4,000.0	2.62	274.70	3,690.3	106.6	-1,296.0	1,300.4	2.50	-2.50	0.00	
EOD / Start hold at 4104.7 MD - Wasatch - HCU 7-33F										
4,104.7	0.00	0.00	3,795.0	106.8	-1,298.4	1,302.8	2.50	-2.50	81.46	
4,200.0	0.00	0.00	3,890.3	106.8	-1,298.4	1,302.8	0.00	0.00	0.00	
4,300.0	0.00	0.00	3,990.3	106.8	-1,298.4	1,302.8	0.00	0.00	0.00	
4,400.0	0.00	0.00	4,090.3	106.8	-1,298.4	1,302.8	0.00	0.00	0.00	
4,500.0	0.00	0.00	4,190.3	106.8	-1,298.4	1,302.8	0.00	0.00	0.00	
4,600.0	0.00	0.00	4,290.3	106.8	-1,298.4	1,302.8	0.00	0.00	0.00	
4,700.0	0.00	0.00	4,390.3	106.8	-1,298.4	1,302.8	0.00	0.00	0.00	



Pathfinder Energy Services
Planning Report



Database:	EDM 2003.16 Single User Db	Local Co. Ordinate Reference:	Well HCU 7-33F
Company:	Dominion E & P	TVD Reference:	WELL @ 4955.0ft (Original Well Elev)
Project:	Uintah Co., Utah	MD Reference:	WELL @ 4955.0ft (Original Well Elev)
Site:	Sec.33-T10S-R20E	North Reference:	True
Well:	HCU 7-33F	Survey Calculation Method:	Minimum Curvature
Wellbore:	Wellbore #1		
Design:	Plan #1		

Measured Depth (ft)	Inclination (°)	Azimuth (°)	Vertical Depth (ft)	+N/-S (ft)	+E/-W (ft)	Vertical Section (ft)	Dogleg Rate (°/100ft)	Build Rate (°/100ft)	Turn Rate (°/100ft)
4,800.0	0.00	0.00	4,490.3	106.8	-1,298.4	1,302.8	0.00	0.00	0.00
4,900.0	0.00	0.00	4,590.3	106.8	-1,298.4	1,302.8	0.00	0.00	0.00
5,000.0	0.00	0.00	4,690.3	106.8	-1,298.4	1,302.8	0.00	0.00	0.00
Chapita Wells									
5,014.7	0.00	0.00	4,705.0	106.8	-1,298.4	1,302.8	0.00	0.00	0.00
5,100.0	0.00	0.00	4,790.3	106.8	-1,298.4	1,302.8	0.00	0.00	0.00
5,200.0	0.00	0.00	4,890.3	106.8	-1,298.4	1,302.8	0.00	0.00	0.00
5,300.0	0.00	0.00	4,990.3	106.8	-1,298.4	1,302.8	0.00	0.00	0.00
5,400.0	0.00	0.00	5,080.3	106.8	-1,298.4	1,302.8	0.00	0.00	0.00
5,500.0	0.00	0.00	5,190.3	106.8	-1,298.4	1,302.8	0.00	0.00	0.00
5,600.0	0.00	0.00	5,290.3	106.8	-1,298.4	1,302.8	0.00	0.00	0.00
5,700.0	0.00	0.00	5,390.3	106.8	-1,298.4	1,302.8	0.00	0.00	0.00
5,800.0	0.00	0.00	5,490.3	106.8	-1,298.4	1,302.8	0.00	0.00	0.00
5,900.0	0.00	0.00	5,590.3	106.8	-1,298.4	1,302.8	0.00	0.00	0.00
6,000.0	0.00	0.00	5,690.3	106.8	-1,298.4	1,302.8	0.00	0.00	0.00
6,100.0	0.00	0.00	5,790.3	106.8	-1,298.4	1,302.8	0.00	0.00	0.00
6,200.0	0.00	0.00	5,890.3	106.8	-1,298.4	1,302.8	0.00	0.00	0.00
6,300.0	0.00	0.00	5,990.3	106.8	-1,298.4	1,302.8	0.00	0.00	0.00
Uteland Buttes									
6,314.7	0.00	0.00	6,005.0	106.8	-1,298.4	1,302.8	0.00	0.00	0.00
6,400.0	0.00	0.00	6,090.3	106.8	-1,298.4	1,302.8	0.00	0.00	0.00
6,500.0	0.00	0.00	6,190.3	106.8	-1,298.4	1,302.8	0.00	0.00	0.00
6,600.0	0.00	0.00	6,290.3	106.8	-1,298.4	1,302.8	0.00	0.00	0.00
6,700.0	0.00	0.00	6,390.3	106.8	-1,298.4	1,302.8	0.00	0.00	0.00
6,800.0	0.00	0.00	6,490.3	106.8	-1,298.4	1,302.8	0.00	0.00	0.00
6,900.0	0.00	0.00	6,590.3	106.8	-1,298.4	1,302.8	0.00	0.00	0.00
7,000.0	0.00	0.00	6,690.3	106.8	-1,298.4	1,302.8	0.00	0.00	0.00
7,100.0	0.00	0.00	6,790.3	106.8	-1,298.4	1,302.8	0.00	0.00	0.00
Mesaverde									
7,184.7	0.00	0.00	6,875.0	106.8	-1,298.4	1,302.8	0.00	0.00	0.00
7,200.0	0.00	0.00	6,890.3	106.8	-1,298.4	1,302.8	0.00	0.00	0.00
7,300.0	0.00	0.00	6,990.3	106.8	-1,298.4	1,302.8	0.00	0.00	0.00
7,400.0	0.00	0.00	7,090.3	106.8	-1,298.4	1,302.8	0.00	0.00	0.00
7,500.0	0.00	0.00	7,190.3	106.8	-1,298.4	1,302.8	0.00	0.00	0.00
7,600.0	0.00	0.00	7,290.3	106.8	-1,298.4	1,302.8	0.00	0.00	0.00
7,700.0	0.00	0.00	7,390.3	106.8	-1,298.4	1,302.8	0.00	0.00	0.00
7,800.0	0.00	0.00	7,490.3	106.8	-1,298.4	1,302.8	0.00	0.00	0.00
7,900.0	0.00	0.00	7,590.3	106.8	-1,298.4	1,302.8	0.00	0.00	0.00
8,000.0	0.00	0.00	7,690.3	106.8	-1,298.4	1,302.8	0.00	0.00	0.00
TD at 8109.7									
8,109.7	0.00	0.00	7,800.0	106.8	-1,298.4	1,302.8	0.00	0.00	0.00

Target Name	Hit/miss target	Dip Angle (°)	Dip Dir. (°)	TVD (ft)	+N/-S (ft)	+E/-W (ft)	Northing (ft)	Easting (ft)	Latitude	Longitude
HCU 7-33F	- plan hits target - Circle (radius 50.0)	0.00	0.00	3,795.0	106.8	-1,298.4	7,139,646.98	2,154,409.61	39° 54' 20.585 N	109° 40' 3.303 W



Pathfinder Energy Services
 Planning Report



Database:	EDM 2003.16 Single User Db	Local Coordinate Reference:	Well HCU 7-33F.
Company:	Dominion E & P	TVD Reference:	WELL @ 4955.0ft (Original Well Elev)
Project:	Uintah Co., Utah	MD Reference:	WELL @ 4955.0ft (Original Well Elev)
Site:	Sec.33-T10S-R20E	North Reference:	True
Well:	HCU 7-33F	Survey Calculation Method:	Minimum Curvature
Wellbore Design:	Wellbore #1 Plan #1		

Measured Depth (ft)	Vertical Depth (ft)	Name	Lithology	Dip (°)	Dip Direction (°)
3,569.9	3,265.0	Wasatch Tongue		0.00	
3,944.6	3,635.0	Uteland Limestone		0.00	
4,104.7	3,795.0	Wasatch		0.00	
5,014.7	4,705.0	Chapita Wells		0.00	
6,314.7	6,005.0	Uteland Buttes		0.00	
7,184.7	6,875.0	Mesaverde		0.00	

Measured Depth (ft)	Vertical Depth (ft)	Local Coordinates		Comment
		+N/-S (ft)	+E/-W (ft)	
550.0	550.0	0.0	0.0	KOP / Start Build 3.50°
1,443.3	1,399.6	19.5	-236.9	EOB / Start hold at 1443.3 MD
2,854.1	2,605.5	79.5	-966.7	EOH / Start Drop -2.50°
4,104.7	3,795.0	106.8	-1,298.4	EOD / Start hold at 4104.7 MD
8,109.7	7,800.0	106.8	-1,298.4	TD at 8109.7

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

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

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

SUBMIT IN TRIPLICATE - Other Instructions on reverse side

1. Type of Well
 Oil Well Gas Well Other

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

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

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

4. Location of Well (Footage, Sec., T., R., M., or Survey Description)
 SHL - 2076' FNL & 700' FEL, SENE, Sec. 33-10S-20E
 BHL - 1950' FNL & 2000' FEL, SWNE, Sec. 33-10S-20E

5. Lease Serial No.
 14-20-H62-4782

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

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

8. Well Name and No.
 HCU 7-33F

9. API Well No.
 43-047-37447

10. Field and Pool, or Exploratory Area
 Natural Buttes

11. County or Parish, State
 Uintah, UT

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

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

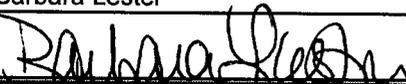
13 Describe Proposed or Completed Operation (clearly state all pertinent details, including estimated starting date of any proposed work and approximate duration thereof. If the proposal is to deepen directionally or recomplete horizontally, give subsurface locations and measured and true vertical depths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

Dominion requests to change the directional drilling plan slightly. The intermediate casing will now be set at 4150'. Please find attached new directional drilling plans.

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

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

Name (Printed/Typed) Barbara Lester Title Regulatory Specialist

Signature  Date 5/16/2007

Approved by _____ Title _____ Date _____

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

Office _____

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

RECEIVED
MAY 17 2007
DIV. OF OIL, GAS & MINING

DIRECTIONAL DRILLING PLAN

APPROVAL OF OPERATIONS

Attachment for Permit to Drill

Name of Operator: Dominion Exploration & Production
Address: 14000 Quail Springs Parkway, Suite 600
Oklahoma City, OK 73134
Well Location: HCU 7-33F
SHL: 2076' FNL & 700' FEL, Sec. 33-10S-20E
BHL: 1950' FNL & 2000' FEL, Sec. 33-10S-20E
Uintah County, UT

1. GEOLOGIC SURFACE FORMATION Uintah

2. ESTIMATED DEPTHS OF IMPORTANT GEOLOGIC MARKERS

<u>Formation</u>	<u>Depth (MD)</u>
Wasatch Tongue	3,265'
Uteland Limestone	3,635'
Wasatch	3,795'
Chapita Wells	4,705'
Uteland Buttes	6,005'
Mesaverde	6,875'

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

<u>Formation</u>	<u>Depth (MD)</u>	<u>Type</u>
Wasatch Tongue	3,265'	Oil
Uteland Limestone	3,635'	Oil
Wasatch	3,795'	Gas
Chapita Wells	4,705'	Gas
Uteland Buttes	6,005'	Gas
Mesaverde	6,875'	Gas

4. PROPOSED CASING PROGRAM

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

<u>Type</u>	<u>Size</u>	<u>Weight</u>	<u>Grade</u>	<u>Conn.</u>	<u>Top</u>	<u>Bottom (MD)</u>	<u>Hole</u>
Surface	13-3/8"	48.0 ppf	H-40	STC	0'	500'	17-1/2"
Intermediate	9-5/8"	36.0 ppf	J-55	STC	0'	4,150'	12-1/4"
Production	5-1/2"	17.0 ppf	MAV-80	LTC	0'	7,800'	7-7/8"

5. OPERATOR'S MINIMUM SPECIFICATIONS FOR PRESSURE CONTROL

Surface hole: No BOPE will be utilized.

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

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

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

DRILLING PLAN

APPROVAL OF OPERATIONS

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

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

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

6. MUD SYSTEMS

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

<u>Depths (MD)</u>	<u>Mud Weight (ppg)</u>	<u>Mud System</u>
0' – 500'	8.4	Air foam mist, no pressure control
500' – 3,150'	8.6	Fresh water, rotating head and diverter
3,150' – 4,150'	8.6	Fresh water/2% KCL/KCL mud system

7. BLOOIE LINE

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

8. AUXILIARY EQUIPMENT TO BE USED

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

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

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

10. ANTICIPATED ABNORMAL PRESSURES OR TEMPERATURES EXPECTED

- Expected BHP 1,500–2,000 psi (lower than normal pressure gradient).
- No abnormal temperature or pressures are anticipated.
- The formations to be penetrated do not contain known 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 "G" cement with 2% CaCl₂ and 1/4 #/sk. Polyflake (volume includes 70% excess). Top out as necessary. Casing to be centralized with a total of 5 centralizers.

b. Intermediate Casing Cement:

- Drill 12-1/4" hole to 4,150' (MD) ±, run and cement 9-5/8".
- Pump 20 bbls lightly weighted water spacer followed by 5 bbls fresh water. Displace with any available water.
- Casing to be run with: a) guide shoe b) insert float c) three (3) centralizers, one on each of first 3 joints d) stop ring for plug one joint off bottom e) bottom three joints thread locked f) pump job with bottom plug only. Casing to be centralized with a total of 15 centralizers.
- Cement to surface not required due to surface casing set deeper than normal.

<u>Type</u>	<u>Sacks</u>	<u>Interval (MD)</u>	<u>Density</u>	<u>Yield</u>	<u>Hole</u>	<u>Cement</u>
					<u>Volume</u>	<u>Volume</u>
Lead	499	0'-3,150'	10.5 ppg	4.14 CFS	1181 CF	2,067 CF
Tail	254	3,150'-4,150'	15.6 ppg	1.2 CFS	174 CF	304 CF

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

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

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

c. Production Casing Cement:

- Drill 7-7/8" hole to 7,800' (MD) ±, run and cement 5 1/2".
- Pump 20 bbl Mud Clean II unweighted spacer, followed by 20 Bbls fresh H2O spacer.
- Displace with 2% KCL.
- Production casing to be centralized with 30 centralizers.

<u>Type</u>	<u>Sacks</u>	<u>Interval (MD)</u>	<u>Density</u>	<u>Yield</u>	<u>Hole</u>	<u>Cement</u>
					<u>Volume</u>	<u>Volume</u>
Lead	90	2,995'-3,795'	11.5 ppg	3.12 CFS	139 CF	277 CF
Tail	800	3,795'-7,800'	13.0 ppg	1.75 CFS	694 CF	1388 CF

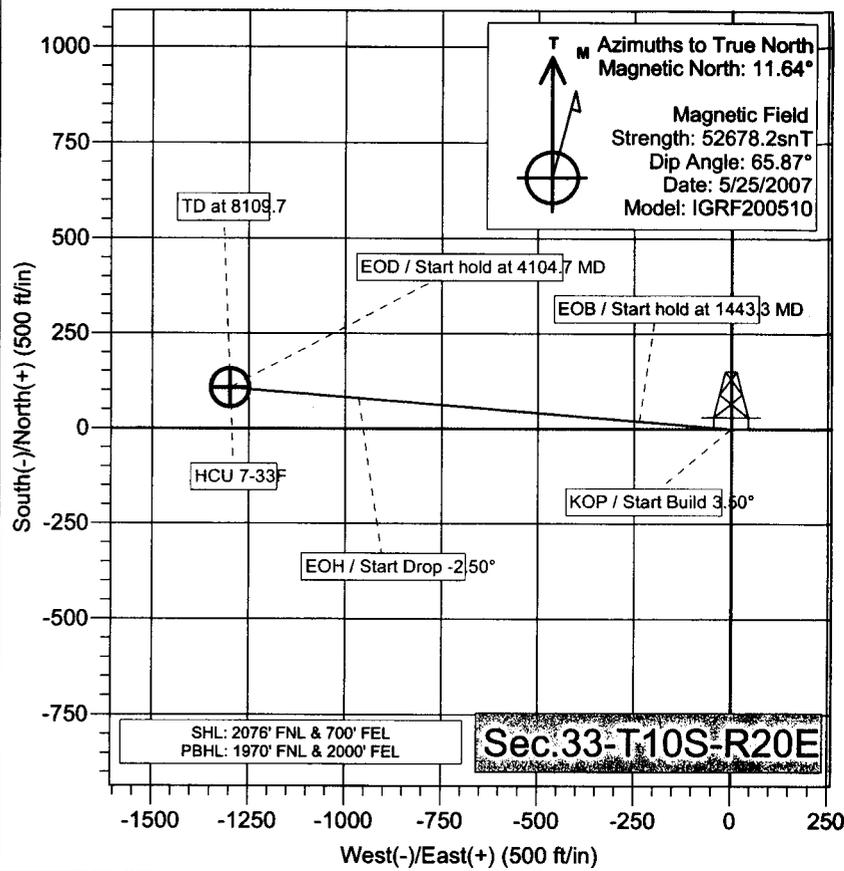
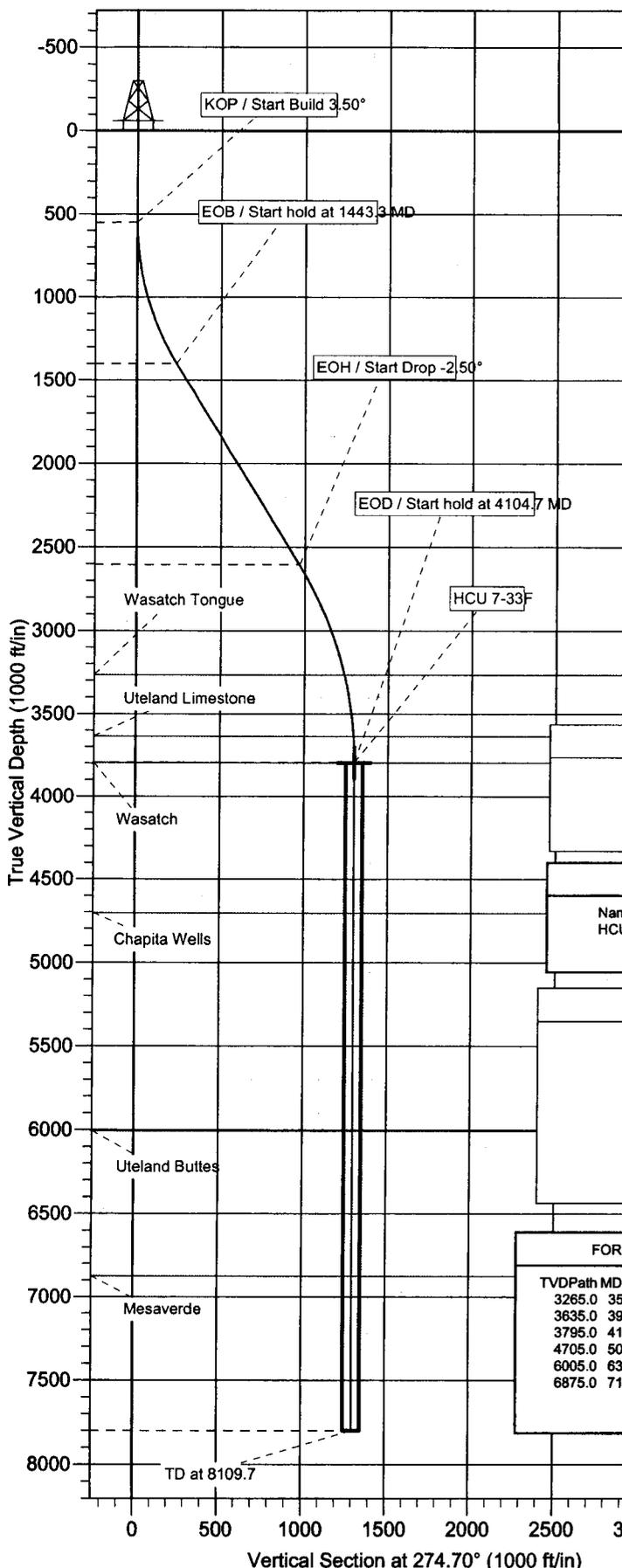
Production design volumes based on 35% excess of gauge hole. Actual volumes will be calculated from caliper log to bring lead cement to 800' above top of Wasatch + 15% excess, and tail cement to top of Wasatch +15%.

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

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

13. ANTICIPATED STARTING DATE AND DURATION OF THE OPERATIONS

Starting Date: September 16, 2007
Duration: 14 Days



WELL DETAILS: HCU 7-33F

+N/-S	+E/-W	Northing	Ground Level: 4935.0 Easting	Latitude	Longitude	Slot
0.0	0.0	7139566.86	2155709.92	39° 54' 19.530 N	109° 39' 46.640 W	

WELLBORE TARGET DETAILS (LAT/LONG)

Name	TVD	+N/-S	+E/-W	Latitude	Longitude	Shape
HCU 7-33F	3795.0	106.8	-1298.4	39° 54' 20.585 N	109° 40' 3.303 W	Circle (Radius: 50.0)

SECTION DETAILS

Sec	MD	Inc	Azi	TVD	+N/-S	+E/-W	DLeg	TFace	VSec	Target
1	0.0	0.00	0.00	0.0	0.0	0.0	0.00	0.00	0.0	
2	550.0	0.00	0.00	550.0	0.0	0.0	0.00	0.00	0.0	
3	1443.3	31.26	274.70	1399.6	19.5	-236.9	3.50	274.70	237.7	
4	2854.1	31.26	274.70	2605.5	79.5	-966.7	0.00	0.00	969.9	
5	4104.7	0.00	0.00	3795.0	106.8	-1298.4	2.50	180.00	1302.8	HCU 7-33F
6	8109.7	0.00	0.00	7800.0	106.8	-1298.4	0.00	0.00	1302.8	

FORMATION TOP DETAILS

TVDPath	MDPath	Formation
3265.0	3569.9	Wasatch Tongue
3635.0	3944.6	Uteland Limestone
3795.0	4104.7	Wasatch
4705.0	5014.7	Chapita Wells
6005.0	6314.7	Uteland Buttes
6875.0	7184.7	Mesaverde

ANNOTATIONS

TVD	MD	Annotation
550.0	550.0	KOP / Start Build 3.50°
1399.6	1443.3	EOB / Start hold at 1443.3 MD
2605.5	2854.1	EOH / Start Drop -2.50°
3795.0	4104.7	EOD / Start hold at 4104.7 MD
7800.0	8109.7	TD at 8109.7



Dominion E & P

**Uintah Co., Utah
Sec.33-T10S-R20E
HCU 7-33F
Wellbore #1**

Plan: Plan #1

Pathfinder Planning Report

08 May, 2007





Pathfinder Energy Services

Planning Report



Database: EDM 2003.16 Single User Db
Company: Dominion E & P
Project: Uintah Co., Utah
Site: Sec.33-T10S-R20E
Well: HCU 7-33F
Wellbore: Wellbore #1
Design: Plan #1

Local Co-ordinate Reference: Well HCU 7-33F
TVD Reference: WELL @ 4955.0ft (Original Well Elev)
MD Reference: WELL @ 4955.0ft (Original Well Elev)
North Reference: True
Survey Calculation Method: Minimum Curvature

Project	Uintah Co., Utah		
Map System:	US State Plane 1983	System Datum:	Mean Sea Level
Geo Datum:	North American Datum 1983		
Map Zone:	Utah Central Zone		

Site	Sec.33-T10S-R20E				
Site Position:		Northing:	7,139,566.86 ft	Latitude:	39° 54' 19.530 N
From:	Lat/Long	Easting:	2,155,709.92 ft	Longitude:	109° 39' 46.640 W
Position Uncertainty:	0.0 ft	Slot Radius:	"	Grid Convergence:	1.18 °

Well	HCU 7-33F					
Well Position	+N/-S	0.0 ft	Northing:	7,139,566.86 ft	Latitude:	39° 54' 19.530 N
	+E/-W	0.0 ft	Easting:	2,155,709.92 ft	Longitude:	109° 39' 46.640 W
Position Uncertainty		0.0 ft	Wellhead Elevation:	ft	Ground Level:	4,935.0 ft

Wellbore	Wellbore #1				
Magnetics	Model Name	Sample Date	Declination	Dip Angle	Field Strength
	IGRF200510	5/25/2007	(°) 11.64	(°) 65.87	(nT) 52,678

Design	Plan #1			
Audit Notes:				
Version:	Phase:	PROTOTYPE	Tie On Depth:	0.0
Vertical Section:	Depth From (TVD)	+N/-S	+E/-W	Direction
	(ft)	(ft)	(ft)	(°)
	0.0	0.0	0.0	274.70

Plan Sections										
Measured Depth (ft)	Inclination (°)	Azimuth (°)	Vertical Depth (ft)	+N/-S (ft)	+E/-W (ft)	Dogleg Rate (°/100ft)	Build Rate (°/100ft)	Turn Rate (°/100ft)	TFO (°)	Target
0.0	0.00	0.00	0.0	0.0	0.0	0.00	0.00	0.00	0.00	
550.0	0.00	0.00	550.0	0.0	0.0	0.00	0.00	0.00	0.00	
1,443.3	31.26	274.70	1,399.6	19.5	-236.9	3.50	3.50	0.00	274.70	
2,854.1	31.26	274.70	2,605.5	79.5	-966.7	0.00	0.00	0.00	0.00	
4,104.7	0.00	0.00	3,795.0	106.8	-1,298.4	2.50	-2.50	0.00	180.00	HCU 7-33F
8,109.7	0.00	0.00	7,800.0	106.8	-1,298.4	0.00	0.00	0.00	0.00	



Pathfinder Energy Services

Planning Report



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Wellbore: Wellbore #1
Design: Plan #1

Local Co-ordinate Reference: Well HCU 7-33F
TYD Reference: WELL @ 4955.0ft (Original Well Elev)
MD Reference: WELL @ 4955.0ft (Original Well Elev)
North Reference: True
Survey Calculation Method: Minimum Curvature

Planned Survey

Measured Depth (ft)	Inclination (°)	Azimuth (°)	Vertical Depth (ft)	+N/-S (ft)	+E/-W (ft)	Vertical Section (ft)	Dogleg Rate (°/100ft)	Build Rate (°/100ft)	Turn Rate (°/100ft)
KOP / Start Build 3.50°									
550.0	0.00	0.00	550.0	0.0	0.0	0.0	0.00	0.00	0.00
600.0	1.75	274.70	600.0	0.1	-0.8	0.8	3.50	3.50	0.00
700.0	5.25	274.70	699.8	0.6	-6.8	6.9	3.50	3.50	0.00
800.0	8.75	274.70	799.0	1.6	-19.0	19.1	3.50	3.50	0.00
900.0	12.25	274.70	897.3	3.1	-37.1	37.3	3.50	3.50	0.00
1,000.0	15.75	274.70	994.4	5.0	-61.3	61.5	3.50	3.50	0.00
1,100.0	19.25	274.70	1,089.7	7.5	-91.2	91.5	3.50	3.50	0.00
1,200.0	22.75	274.70	1,183.1	10.4	-126.9	127.4	3.50	3.50	0.00
1,300.0	26.25	274.70	1,274.0	13.8	-168.3	168.8	3.50	3.50	0.00
1,400.0	29.75	274.70	1,362.3	17.7	-215.0	215.8	3.50	3.50	0.00
EOB / Start hold at 1443.3 MD									
1,443.3	31.26	274.70	1,399.6	19.5	-236.9	237.7	3.50	3.50	0.00
1,500.0	31.26	274.70	1,448.1	21.9	-266.3	267.2	0.00	0.00	0.00
1,600.0	31.26	274.70	1,533.6	26.2	-318.0	319.1	0.00	0.00	0.00
1,700.0	31.26	274.70	1,619.0	30.4	-369.7	371.0	0.00	0.00	0.00
1,800.0	31.26	274.70	1,704.5	34.7	-421.4	422.9	0.00	0.00	0.00
1,900.0	31.26	274.70	1,790.0	38.9	-473.2	474.8	0.00	0.00	0.00
2,000.0	31.26	274.70	1,875.5	43.2	-524.9	526.7	0.00	0.00	0.00
2,100.0	31.26	274.70	1,961.0	47.4	-576.6	578.6	0.00	0.00	0.00
2,200.0	31.26	274.70	2,046.4	51.7	-628.3	630.5	0.00	0.00	0.00
2,300.0	31.26	274.70	2,131.9	55.9	-680.1	682.4	0.00	0.00	0.00
2,400.0	31.26	274.70	2,217.4	60.2	-731.8	734.3	0.00	0.00	0.00
2,500.0	31.26	274.70	2,302.9	64.4	-783.5	786.2	0.00	0.00	0.00
2,600.0	31.26	274.70	2,388.3	68.7	-835.2	838.1	0.00	0.00	0.00
2,700.0	31.26	274.70	2,473.8	73.0	-887.0	890.0	0.00	0.00	0.00
2,800.0	31.26	274.70	2,559.3	77.2	-938.7	941.9	0.00	0.00	0.00
EOH / Start Drop -2.50°									
2,854.1	31.26	274.70	2,605.5	79.5	-966.7	969.9	0.00	0.00	0.00
2,900.0	30.12	274.70	2,645.0	81.4	-990.0	993.4	2.50	-2.50	0.00
3,000.0	27.62	274.70	2,732.6	85.4	-1,038.1	1,041.6	2.50	-2.50	0.00
3,100.0	25.12	274.70	2,822.2	89.0	-1,082.4	1,086.1	2.50	-2.50	0.00
3,200.0	22.62	274.70	2,913.6	92.4	-1,122.7	1,126.5	2.50	-2.50	0.00
3,300.0	20.12	274.70	3,006.7	95.3	-1,159.0	1,162.9	2.50	-2.50	0.00
3,400.0	17.62	274.70	3,101.3	98.0	-1,191.3	1,195.3	2.50	-2.50	0.00
3,500.0	15.12	274.70	3,197.3	100.3	-1,219.3	1,223.5	2.50	-2.50	0.00
Wasatch Tongue									
3,569.9	13.37	274.70	3,265.0	101.7	-1,236.5	1,240.7	2.50	-2.50	0.00
3,600.0	12.62	274.70	3,294.4	102.3	-1,243.2	1,247.4	2.50	-2.50	0.00
3,700.0	10.12	274.70	3,392.4	103.9	-1,262.9	1,267.1	2.50	-2.50	0.00
3,800.0	7.62	274.70	3,491.2	105.1	-1,278.2	1,282.5	2.50	-2.50	0.00
3,900.0	5.12	274.70	3,590.6	106.1	-1,289.3	1,293.6	2.50	-2.50	0.00
Uteland Limestone									
3,944.6	4.00	274.70	3,635.0	106.3	-1,292.8	1,297.2	2.50	-2.50	0.00
4,000.0	2.62	274.70	3,690.3	106.6	-1,296.0	1,300.4	2.50	-2.50	0.00
EOD / Start hold at 4104.7 MD - Wasatch - HCU 7-33F									
4,104.7	0.00	0.00	3,795.0	106.8	-1,298.4	1,302.8	2.50	-2.50	81.46
4,200.0	0.00	0.00	3,890.3	106.8	-1,298.4	1,302.8	0.00	0.00	0.00
4,300.0	0.00	0.00	3,990.3	106.8	-1,298.4	1,302.8	0.00	0.00	0.00
4,400.0	0.00	0.00	4,090.3	106.8	-1,298.4	1,302.8	0.00	0.00	0.00
4,500.0	0.00	0.00	4,190.3	106.8	-1,298.4	1,302.8	0.00	0.00	0.00
4,600.0	0.00	0.00	4,290.3	106.8	-1,298.4	1,302.8	0.00	0.00	0.00
4,700.0	0.00	0.00	4,390.3	106.8	-1,298.4	1,302.8	0.00	0.00	0.00



Pathfinder Energy Services

Planning Report



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Well: HCU 7-33F
Wellbore: Wellbore #1
Design: Plan #1

Local Co-ordinate Reference: Well HCU 7-33F
TVD Reference: WELL @ 4955.0ft (Original Well Elev)
MD Reference: WELL @ 4955.0ft (Original Well Elev)
North Reference: True
Survey Calculation Method: Minimum Curvature

Planned Survey

Measured Depth (ft)	Inclination (°)	Azimuth (°)	Vertical Depth (ft)	+N/-S (ft)	+E/-W (ft)	Vertical Section (ft)	Dogleg Rate (°/100ft)	Bull Rate (°/100ft)	Turn Rate (°/100ft)
4,800.0	0.00	0.00	4,490.3	106.8	-1,298.4	1,302.8	0.00	0.00	0.00
4,900.0	0.00	0.00	4,590.3	106.8	-1,298.4	1,302.8	0.00	0.00	0.00
5,000.0	0.00	0.00	4,690.3	106.8	-1,298.4	1,302.8	0.00	0.00	0.00
Chapita Wells									
5,014.7	0.00	0.00	4,705.0	106.8	-1,298.4	1,302.8	0.00	0.00	0.00
5,100.0	0.00	0.00	4,790.3	106.8	-1,298.4	1,302.8	0.00	0.00	0.00
5,200.0	0.00	0.00	4,890.3	106.8	-1,298.4	1,302.8	0.00	0.00	0.00
5,300.0	0.00	0.00	4,990.3	106.8	-1,298.4	1,302.8	0.00	0.00	0.00
5,400.0	0.00	0.00	5,090.3	106.8	-1,298.4	1,302.8	0.00	0.00	0.00
5,500.0	0.00	0.00	5,190.3	106.8	-1,298.4	1,302.8	0.00	0.00	0.00
5,600.0	0.00	0.00	5,290.3	106.8	-1,298.4	1,302.8	0.00	0.00	0.00
5,700.0	0.00	0.00	5,390.3	106.8	-1,298.4	1,302.8	0.00	0.00	0.00
5,800.0	0.00	0.00	5,490.3	106.8	-1,298.4	1,302.8	0.00	0.00	0.00
5,900.0	0.00	0.00	5,590.3	106.8	-1,298.4	1,302.8	0.00	0.00	0.00
6,000.0	0.00	0.00	5,690.3	106.8	-1,298.4	1,302.8	0.00	0.00	0.00
6,100.0	0.00	0.00	5,790.3	106.8	-1,298.4	1,302.8	0.00	0.00	0.00
6,200.0	0.00	0.00	5,890.3	106.8	-1,298.4	1,302.8	0.00	0.00	0.00
6,300.0	0.00	0.00	5,990.3	106.8	-1,298.4	1,302.8	0.00	0.00	0.00
Uteland Buttes									
6,314.7	0.00	0.00	6,005.0	106.8	-1,298.4	1,302.8	0.00	0.00	0.00
6,400.0	0.00	0.00	6,090.3	106.8	-1,298.4	1,302.8	0.00	0.00	0.00
6,500.0	0.00	0.00	6,190.3	106.8	-1,298.4	1,302.8	0.00	0.00	0.00
6,600.0	0.00	0.00	6,290.3	106.8	-1,298.4	1,302.8	0.00	0.00	0.00
6,700.0	0.00	0.00	6,390.3	106.8	-1,298.4	1,302.8	0.00	0.00	0.00
6,800.0	0.00	0.00	6,490.3	106.8	-1,298.4	1,302.8	0.00	0.00	0.00
6,900.0	0.00	0.00	6,590.3	106.8	-1,298.4	1,302.8	0.00	0.00	0.00
7,000.0	0.00	0.00	6,690.3	106.8	-1,298.4	1,302.8	0.00	0.00	0.00
7,100.0	0.00	0.00	6,790.3	106.8	-1,298.4	1,302.8	0.00	0.00	0.00
Mesaverde									
7,184.7	0.00	0.00	6,875.0	106.8	-1,298.4	1,302.8	0.00	0.00	0.00
7,200.0	0.00	0.00	6,890.3	106.8	-1,298.4	1,302.8	0.00	0.00	0.00
7,300.0	0.00	0.00	6,990.3	106.8	-1,298.4	1,302.8	0.00	0.00	0.00
7,400.0	0.00	0.00	7,090.3	106.8	-1,298.4	1,302.8	0.00	0.00	0.00
7,500.0	0.00	0.00	7,190.3	106.8	-1,298.4	1,302.8	0.00	0.00	0.00
7,600.0	0.00	0.00	7,290.3	106.8	-1,298.4	1,302.8	0.00	0.00	0.00
7,700.0	0.00	0.00	7,390.3	106.8	-1,298.4	1,302.8	0.00	0.00	0.00
7,800.0	0.00	0.00	7,490.3	106.8	-1,298.4	1,302.8	0.00	0.00	0.00
7,900.0	0.00	0.00	7,590.3	106.8	-1,298.4	1,302.8	0.00	0.00	0.00
8,000.0	0.00	0.00	7,690.3	106.8	-1,298.4	1,302.8	0.00	0.00	0.00
TD at 8109.7									
8,109.7	0.00	0.00	7,800.0	106.8	-1,298.4	1,302.8	0.00	0.00	0.00

Targets

Target Name	Dip Angle (°)	Dip Dir. (°)	TVD (ft)	+N/-S (ft)	+E/-W (ft)	Northing (ft)	Easting (ft)	Latitude	Longitude
HCU 7-33F	0.00	0.00	3,795.0	106.8	-1,298.4	7,139,646.98	2,154,409.61	39° 54' 20.585 N	109° 40' 3.303 W
- hit/miss target									
- Shape									
- plan hits target									
- Circle (radius 50.0)									



Database: EDM 2003.16 Single User Db
Company: Dominion E & P
Project: Uintah Co., Utah
Site: Sec.33-T10S-R20E
Well: HCU 7-33F
Wellbore: Wellbore #1
Design: Plan #1

Local Co-ordinate Reference: Well HCU 7-33F
TVD Reference: WELL @ 4955.0ft (Original Well Elev)
MD Reference: WELL @ 4955.0ft (Original Well Elev)
North Reference: True
Survey Calculation Method: Minimum Curvature

Formations

Measured Depth (ft)	Vertical Depth (ft)	Name	Lithology	Dip (°)	Dip Direction (°)
3,569.9	3,265.0	Wasatch Tongue		0.00	
3,944.6	3,635.0	Uteland Limestone		0.00	
4,104.7	3,795.0	Wasatch		0.00	
5,014.7	4,705.0	Chapita Wells		0.00	
6,314.7	6,005.0	Uteland Buttes		0.00	
7,184.7	6,875.0	Mesaverde		0.00	

Plan Annotations

Measured Depth (ft)	Vertical Depth (ft)	Local Coordinates		Comment
		+N/-S (ft)	+E/-W (ft)	
550.0	550.0	0.0	0.0	KOP / Start Build 3.50°
1,443.3	1,399.6	19.5	-236.9	EOB / Start hold at 1443.3 MD
2,854.1	2,605.5	79.5	-966.7	EOH / Start Drop -2.50°
4,104.7	3,795.0	106.8	-1,298.4	EOD / Start hold at 4104.7 MD
8,109.7	7,800.0	106.8	-1,298.4	TD at 8109.7

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DEPI Well Operations Chronology Report

Well: HCU 7-33F		API: 430473744700		Rpt No.: 1	DOL:	DFS:	Report Date: 2/18/2007
Operator: DOMINION EXPLORATION & PRODUCTION INC				UW: 2078'FNL,700'FEL, SEC 33-10S-20E,SE/4 NE/4			
Rig Name:				Final Surface Location:			
Event: DRILL		Start Date: 1/4/2007		Spud Dt.: 2/18/2007		Type: Drill, complete, & equip a 7800' TVD Wasatch/Mesaverde well.	
Supervisor: PAT WISENER		Engineer:		AFE No.: 0504732		Authorized Days:	
Active Datum: KB @4,956.0ft (KB ELEVATION)		Ground Elev.: 4,934.00		WI: 100%		Authorized MD/TVD: 8,450	
CURRENT DEPTH			HOLE SIZE	MUD WEIGHT	LAST CASING		
MD(ft)	TVD(ft)	24 Hr. Progress			SIZE	MD	TVD
5,506.00	5,506.00	550.0(ft)			(")	(ft)	(ft)
							LOT(EMW)
							(ppg)
FORMATION/TARGET NAME				MD TOP (ft)	TVD TOP (ft)	NEXT CASING	
WASATCH						SIZE	MD
MESAVERDE						(")	(ft)
							TVD
							(ft)
Daily Detail: MIRU BILL JRS # 6. SPUD WELL ON 2/18/07 @ 6:00PM. DRILL 550' OF 17.5" HOLE. RUN 12 JT'S 13.375", 48#, H-40 CSGN. SET @ 522'/GL CEMENT W/ 500 SKS TAIL MIXED @ 15.8 PPG & 1.15 YLD. RETURNED 5 BBLS CEMENT TO PIT. WAIT 12 HOURS RUN 25' OF 1 INCH AND TOP OFF W/ 50 SKS MIXED @ 15.8 PPG & 1.15 YLD W/ 2 BBLS CEMENT TO SURFACE AND STAYED. VERNAL BLM REP JAMIE SPARGER WITNESSED.						Well Costs (\$)	
						AFE	Actual
						Daily Cost	153,597.00
						Cumulative Total	1,615,162.00

Well: HCU 7-33F		API: 430473744700		Rpt No.: 2	DOL:	DFS:	Report Date: 8/22/2007
Operator: DOMINION EXPLORATION & PRODUCTION INC				UW: 2078'FNL,700'FEL, SEC 33-10S-20E,SE/4 NE/4			
Rig Name: FRONTIER 6				Final Surface Location:			
Event: DRILL		Start Date: 1/4/2007		Spud Dt.: 2/18/2007		Type: Drill, complete, & equip a 7800' TVD Wasatch/Mesaverde well.	
Supervisor: VINCE GUINN		Engineer: RICHARD HOWELL		AFE No.: 0504732		Authorized Days:	
Active Datum: KB @4,956.0ft (KB ELEVATION)		Ground Elev.: 4,934.00		WI: 100%		Authorized MD/TVD: 8,450	
CURRENT DEPTH			HOLE SIZE	MUD WEIGHT	LAST CASING		
MD(ft)	TVD(ft)	24 Hr. Progress			SIZE	MD	TVD
544.00	544.00	0.0(ft)			(")	(ft)	(ft)
							LOT(EMW)
							(ppg)
FORMATION/TARGET NAME				MD TOP (ft)	TVD TOP (ft)	NEXT CASING	
WASATCH						SIZE	MD
MESAVERDE						(")	(ft)
							TVD
							(ft)
Daily Detail:						Well Costs (\$)	
						AFE	Actual
						Daily Cost	21,900.00
						Cumulative Total	1,615,162.00

Well: HCU 7-33F		API: 430473744700		Rpt No.: 3	DOL: 1	DFS:	Report Date: 8/22/2007
Operator: DOMINION EXPLORATION & PRODUCTION INC				UW: 2078'FNL,700'FEL, SEC 33-10S-20E,SE/4 NE/4			
Rig Name: FRONTIER 6				Final Surface Location:			
Event: DRILL		Start Date: 1/4/2007		Spud Dt.: 2/18/2007		Type: Drill, complete, & equip a 7800' TVD Wasatch/Mesaverde well.	
Supervisor: VINCE GUINN		Engineer: RICHARD HOWELL		AFE No.: 0504732		Authorized Days:	
Active Datum: KB @4,956.0ft (KB ELEVATION)		Ground Elev.: 4,934.00		WI: 100%		Authorized MD/TVD: 8,450	
CURRENT DEPTH			HOLE SIZE	MUD WEIGHT	LAST CASING		
MD(ft)	TVD(ft)	24 Hr. Progress			SIZE	MD	TVD
631.00	631.00	87.0(ft)	0(")		13-3/8(")	544.0(ft)	544.0(ft)
							LOT(EMW)
							(ppg)
FORMATION/TARGET NAME				MD TOP (ft)	TVD TOP (ft)	NEXT CASING	
WASATCH						SIZE	MD
MESAVERDE						(")	(ft)
							TVD
							(ft)
Daily Detail: NU CONDUCTOR PIPE, ANNULAR PREVENTER, AND ROTATING HEAD. MODIFY SCAFFOLDING AROUND ANNULAR FOR NU. STRAP BHA. PU AND ORIENT MWD TOOL, BHA TAG CMT AT 491'. DRILL CEMENT AND FLOAT TO 524'. UNABLE TO PROCEED. RECOVERING ABUNDANT METAL SHAVINGS. POOH TO EXAMINE BIT. WO 12-1/4" BIT BREAKER. TIH DRILL CMT AND FLOAT SHOE. DRLD 544-631' (87' @ 34.8 FPH)						Well Costs (\$)	
						AFE	Actual
						Daily Cost	40,430.00
						Cumulative Total	1,615,162.00

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

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FORM 9

SUNDRY NOTICES AND REPORTS ON WELLS

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

1. TYPE OF WELL OIL WELL <input type="checkbox"/> GAS WELL <input checked="" type="checkbox"/> OTHER _____		5. LEASE DESIGNATION AND SERIAL NUMBER: ML-47549
2. NAME OF OPERATOR: The Houston Exploration Company		6. IF INDIAN, ALLOTTEE OR TRIBE NAME: NA
3. ADDRESS OF OPERATOR: 1100 Louisiana Suite 2000 CITY Houston STATE TX ZIP 77002		7. UNIT or CA AGREEMENT NAME: NA
4. LOCATION OF WELL FOOTAGES AT SURFACE: 668' FSL & 1830' FEL QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN: SWSE 2 6S 21E		8. WELL NAME and NUMBER: North Horseshoe15-2-6-21
PHONE NUMBER: (713) 830-6800		9. API NUMBER: 430473747 37447
COUNTY: Uintah		10. FIELD AND POOL, OR WILDCAT: Undesignated
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 type="checkbox"/> OPERATOR CHANGE	<input type="checkbox"/> TUBING REPAIR
	<input type="checkbox"/> CHANGE TUBING	<input type="checkbox"/> PLUG AND ABANDON	<input type="checkbox"/> VENT OR FLARE
	<input type="checkbox"/> CHANGE WELL NAME	<input type="checkbox"/> PLUG BACK	<input type="checkbox"/> WATER DISPOSAL
	<input type="checkbox"/> CHANGE WELL STATUS	<input type="checkbox"/> PRODUCTION (START/RESUME)	<input type="checkbox"/> WATER SHUT-OFF
	<input type="checkbox"/> COMMINGLE PRODUCING FORMATIONS	<input type="checkbox"/> RECLAMATION OF WELL SITE	<input checked="" type="checkbox"/> OTHER: <u>Extension</u>
	<input type="checkbox"/> CONVERT WELL TYPE	<input type="checkbox"/> RECOMPLETE - DIFFERENT FORMATION	

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

Operator respectfully requests to extend approval for the subject location for one year.

Approved by the
Utah Division of
Oil, Gas and Mining

Date: 05-21-07
By: [Signature]

COPY SENT TO OPERATOR
Date: 5-22-07
Initials: RM

NAME (PLEASE PRINT) <u>William A. Ryan</u>	TITLE <u>Agent</u>
SIGNATURE <u>[Signature]</u>	DATE <u>5/14/2007</u>

(This space for State use only)

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DIV. OF OIL, GAS & MINING

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

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

API: 4304737477
Well Name: North Horseshoe 15-2-6-21
Location: Section 2 Township 6 South, Range 21 East SWSE
Company Permit Issued to: The Houston Exploration Company
Date Original Permit Issued: 6/29/2006

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

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

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

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

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

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

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

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

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



Signature

5/14/2007

Date

Title: Agent

Representing: The Houston Exploration Company

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DIV. OF OIL, GAS & MINING

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DEPI Well Operations Chronology Report

Well: HCU 7-33F		API: 438473744700		Rpt No.: 3	DOL: 1	DPS:	Report Date: 8/23/2007	
Operator: DOMINION EXPLORATION & PRODUCTION INC				UWI: 2076\FNL,700\FEL, SEC 33-10S-20E,SE/4 NE/4				
Rig Name: FRONTIER 6				Final Surface Location:				
Event: DRILL		Start Date: 5/22/2007		Spud Dt.: 2/18/2007		Type: Drill, complete, & equip a 7800' TVD Wasatch/Mesaverde well.		
Supervisor: VINCE GUINN		Engineer: RICHARD HOWELL		AFE No.: 0504732		Authorized Days:		
Active Datum: KB @4,956.0ft (KB ELEVATION)		Ground Elev.: 4,934.00		WI: 100%		Authorized MD/TVD: 8,450		
CURRENT DEPTH			HOLE SIZE	MUD WEIGHT	LAST CASING			
MD(ft)	TVD(ft)	24 Hr. Progress	0(*)	8.40(ppg)	SIZE	MD	TVD	LOT(EMW)
631.00	631.00	87.0(ft)			13-3/8(*)	544.0(ft)	544.0(ft)	(ppg)
FORMATION/TARGET NAME				MD TOP (ft)	TVD TOP (ft)	NEXT CASING		
WASATCH						SIZE	MD	TVD
MESAVERDE						(*)	(ft)	(ft)
Daily Detail: NU CONDUCTOR PIPE, ANNULAR PREVENTER, AND ROTATING HEAD. MODIFY SCAFFOLDING AROUND ANNULAR FOR NU. STRAP BHA. PU AND ORIENT MWD TOOL, BHA TAG CMT AT 491', DRILL CEMENT AND FLOAT TO 524'. UNABLE TO PROCEED. RECOVERING ABUNDANT METAL SHAVINGS. POOH TO EXAMINE BIT. WO 12-1/4" BIT BREAKER. TIH DRILL CMT AND FLOAT SHOE. DRLD 544-631' (87' @ 34.8 FPH)						Well Costs (\$)		
						AFE	Actual	
Daily Cost								40,430.00
Cumulative Total						1,615,162.00		216,017.00

Well: HCU 7-33F		API: 438473744700		Rpt No.: 4	DOL: 2	DPS: 1	Report Date: 8/24/2007	
Operator: DOMINION EXPLORATION & PRODUCTION INC				UWI: 2076\FNL,700\FEL, SEC 33-10S-20E,SE/4 NE/4				
Rig Name: FRONTIER 6				Final Surface Location:				
Event: DRILL		Start Date: 5/22/2007		Spud Dt.: 2/18/2007		Type: Drill, complete, & equip a 7800' TVD Wasatch/Mesaverde well.		
Supervisor: VINCE GUINN		Engineer: RICHARD HOWELL		AFE No.: 0504732		Authorized Days:		
Active Datum: KB @4,956.0ft (KB ELEVATION)		Ground Elev.: 4,934.00		WI: 100%		Authorized MD/TVD: 8,450		
CURRENT DEPTH			HOLE SIZE	MUD WEIGHT	LAST CASING			
MD(ft)	TVD(ft)	24 Hr. Progress	0(*)	8.40(ppg)	SIZE	MD	TVD	LOT(EMW)
1,506.00	1,459.52	875.0(ft)			13-3/8(*)	544.0(ft)	544.0(ft)	(ppg)
FORMATION/TARGET NAME				MD TOP (ft)	TVD TOP (ft)	NEXT CASING		
WASATCH						SIZE	MD	TVD
MESAVERDE						(*)	(ft)	(ft)
Daily Detail: DRLD 631-652' (21' @ 21 FPH) POOH AND CHANGE OUT BIT. TIH DRLD 652'-907' (255' @ 36.4 FPH) RIG SERVICE, FUNCT. TEST BOP DRLD 907'-1506' (599' @ 44.4 FPH)						Well Costs (\$)		
						AFE	Actual	
Daily Cost								62,307.00
Cumulative Total						1,615,162.00		278,324.00

Well: HCU 7-33F		API: 438473744700		Rpt No.: 5	DOL: 3	DPS: 2	Report Date: 8/25/2007	
Operator: DOMINION EXPLORATION & PRODUCTION INC				UWI: 2076\FNL,700\FEL, SEC 33-10S-20E,SE/4 NE/4				
Rig Name: FRONTIER 6				Final Surface Location:				
Event: DRILL		Start Date: 5/22/2007		Spud Dt.: 2/18/2007		Type: Drill, complete, & equip a 7800' TVD Wasatch/Mesaverde well.		
Supervisor: VINCE GUINN		Engineer: RICHARD HOWELL		AFE No.: 0504732		Authorized Days:		
Active Datum: KB @4,956.0ft (KB ELEVATION)		Ground Elev.: 4,934.00		WI: 100%		Authorized MD/TVD: 8,450		
CURRENT DEPTH			HOLE SIZE	MUD WEIGHT	LAST CASING			
MD(ft)	TVD(ft)	24 Hr. Progress	0(*)	8.90(ppg)	SIZE	MD	TVD	LOT(EMW)
2,495.00	2,304.79	989.0(ft)			13-3/8(*)	544.0(ft)	544.0(ft)	(ppg)
FORMATION/TARGET NAME				MD TOP (ft)	TVD TOP (ft)	NEXT CASING		
WASATCH						SIZE	MD	TVD
MESAVERDE						(*)	(ft)	(ft)
Daily Detail: DRLD 1506'-1951' (445' @ 44.5 FPH) RIG SERVICE, FUNCT TEST BOP DRLD 1951'-2495' (544' @ 40.3 FPH)						Well Costs (\$)		
						AFE	Actual	
Daily Cost								37,807.00
Cumulative Total						1,615,162.00		316,131.00

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DIV. OF OIL, GAS & MINING

DEPI Well Operations Chronology Report

Well: HCU 7-33F		API: 430473744700		Rpt No.: 6	DOL: 4	DFS: 3	Report Date: 6/26/2007	
Operator: DOMINION EXPLORATION & PRODUCTION INC				UWI: 2076°FNL,700°FEL, SEC 33-10S-20E,SE/4 NE/4				
Rig Name: FRONTIER 6				Final Surface Location:				
Event: DRILL		Start Date: 5/22/2007		Spud Dt.: 2/18/2007		Type: Drill, complete, & equip a 7800' TVD Wasatch/Mesaverde well.		
Supervisor: VINCE GUINN		Engineer: RICHARD HOWELL		AFE No.: 0504732		Authorized Days:		
Active Datum: KB @4,956.0ft (KB ELEVATION)		Ground Elev.: 4,934.00		WI: 100%		Authorized MD/TVD: 8,450		
CURRENT DEPTH			HOLE SIZE	MUD WEIGHT	LAST CASING			
MD(ft)	TVD(ft)	24 Hr. Progress	0(*)	9.30(ppg)	SIZE	MD	TVD	LOT(EMW)
3,140.00	5,836.22	645.0(ft)			13-3/8(*)	544.0(ft)	544.0(ft)	(ppg)
FORMATION/TARGET NAME				MD TOP (ft)	TVD TOP (ft)	NEXT CASING		
WASATCH						SIZE	MD	TVD
MESAVERDE						(*)	(ft)	(ft)
Daily Detail: DRLD 2490'-2809' (319' @ 30.4 FPH) RIG SERVICE, FUNCT. TEST BOP DRLD 2809'-3140' (331' @ 25.5 FPH)						Well Costs (\$)		
							AFE	Actual
						Daily Cost		55,487.00
						Cumulative Total	1,615,162.00	371,618.00
Well: HCU 7-33F		API: 430473744700		Rpt No.: 7	DOL: 5	DFS: 4	Report Date: 6/27/2007	
Operator: DOMINION EXPLORATION & PRODUCTION INC				UWI: 2076°FNL,700°FEL, SEC 33-10S-20E,SE/4 NE/4				
Rig Name: FRONTIER 6				Final Surface Location:				
Event: DRILL		Start Date: 5/22/2007		Spud Dt.: 2/18/2007		Type: Drill, complete, & equip a 7800' TVD Wasatch/Mesaverde well.		
Supervisor: VINCE GUINN		Engineer: RICHARD HOWELL		AFE No.: 0504732		Authorized Days:		
Active Datum: KB @4,956.0ft (KB ELEVATION)		Ground Elev.: 4,934.00		WI: 100%		Authorized MD/TVD: 8,450		
CURRENT DEPTH			HOLE SIZE	MUD WEIGHT	LAST CASING			
MD(ft)	TVD(ft)	24 Hr. Progress	0(*)	9.00(ppg)	SIZE	MD	TVD	LOT(EMW)
3,615.00	6,089.45	475.0(ft)			13-3/8(*)	544.0(ft)	544.0(ft)	(ppg)
FORMATION/TARGET NAME				MD TOP (ft)	TVD TOP (ft)	NEXT CASING		
WASATCH						SIZE	MD	TVD
MESAVERDE						(*)	(ft)	(ft)
Daily Detail: DRLD 3140'-3221' (81' @ 27 FPH) INSTALL ROT. HD. RUBBER DRLD 3221'-3285' (64' @ 18.3 FPH) RIG SERVICE, FUNCT TEST BOP DRLD 3285'-3615' (330' @ 20 FPH)						Well Costs (\$)		
							AFE	Actual
						Daily Cost		63,820.00
						Cumulative Total	1,615,162.00	435,238.00
Well: HCU 7-33F		API: 430473744700		Rpt No.: 8	DOL: 6	DFS: 5	Report Date: 6/28/2007	
Operator: DOMINION EXPLORATION & PRODUCTION INC				UWI: 2076°FNL,700°FEL, SEC 33-10S-20E,SE/4 NE/4				
Rig Name: FRONTIER 6				Final Surface Location:				
Event: DRILL		Start Date: 5/22/2007		Spud Dt.: 2/18/2007		Type: Drill, complete, & equip a 7800' TVD Wasatch/Mesaverde well.		
Supervisor: VINCE GUINN		Engineer: RICHARD HOWELL		AFE No.: 0504732		Authorized Days:		
Active Datum: KB @4,956.0ft (KB ELEVATION)		Ground Elev.: 4,934.00		WI: 100%		Authorized MD/TVD: 8,450		
CURRENT DEPTH			HOLE SIZE	MUD WEIGHT	LAST CASING			
MD(ft)	TVD(ft)	24 Hr. Progress	0(*)	9.30(ppg)	SIZE	MD	TVD	LOT(EMW)
3,628.00	3,518.09	213.0(ft)			13-3/8(*)	544.0(ft)	544.0(ft)	(ppg)
FORMATION/TARGET NAME				MD TOP (ft)	TVD TOP (ft)	NEXT CASING		
WASATCH						SIZE	MD	TVD
MESAVERDE						(*)	(ft)	(ft)
Daily Detail: DRLD 3615'-3728' (113' @ 11.9 FPH) MIX PILL AND CIRC. BOTTOMS UP POOH FOR BIT #3 CHANGE OUT BIT AND MM. ORIENT MWD. TIH WASH AND REAM 60' TO BTM. DRLD 3728'-3795' (67' @ 26.8 FPH) RIG SERVICE, FUNCT. TEST BOP DRLD 3795'-3828' (33' @ 8.25 FPH)						Well Costs (\$)		
							AFE	Actual
						Daily Cost		50,950.00
						Cumulative Total	1,615,162.00	486,188.00

DEPI Well Operations Chronology Report

Well: HCU 7-33F		API: 438473744780		Rpt No.: 8	DOL: 7	DFS: 6	Report Date: 8/29/2007	
Operator: DOMINION EXPLORATION & PRODUCTION INC				UWI: 2078°FNL,700°FEL, SEC 33-10S-20E,SE/4 NE/4				
Rig Name: FRONTIER 8				Final Surface Location:				
Event: DRILL		Start Date: 5/22/2007		Spud Dt.: 2/18/2007		Type: Drill, complete, & equip a 7800' TVD Wasatch/Mesaverde well.		
Supervisor: VINCE GUINN		Engineer: RICHARD HOWELL		AFE No.: 0504732		Authorized Days:		
Active Datum: KB @4,956.0ft (KB ELEVATION)		Ground Elev.: 4,934.00		WI: 100%		Authorized MD/TVD: 8,450		
CURRENT DEPTH			HOLE SIZE	MUD WEIGHT	LAST CASING			
MD(ft)	TVD(ft)	24 Hr. Progress			SIZE	MD	TVD	LOT(EMW)
4,070.00	3,755.63	242.0(ft)	0(")	9.30(ppg)	13-3/8(")	544.0(ft)	544.0(ft)	(ppg)
FORMATION/TARGET NAME				MD TOP (ft)	TVD TOP (ft)	NEXT CASING		
WASATCH						SIZE	MD	TVD
MESAVERDE						(")	(ft)	(ft)
Daily Detail: DRLD 3828'-3962' (134' @ 11.7 FPH) RIG SERVICE DRLD 3962'-4070' (108' @ 9 FPH)						Well Costs (\$)		
							AFE	Actual
						Daily Cost		49,440.00
						Cumulative Total	1,815,182.00	535,828.00
Well: HCU 7-33F		API: 438473744780		Rpt No.: 10	DOL: 8	DFS: 7	Report Date: 8/30/2007	
Operator: DOMINION EXPLORATION & PRODUCTION INC				UWI: 2078°FNL,700°FEL, SEC 33-10S-20E,SE/4 NE/4				
Rig Name: FRONTIER 8				Final Surface Location:				
Event: DRILL		Start Date: 5/22/2007		Spud Dt.: 2/18/2007		Type: Drill, complete, & equip a 7800' TVD Wasatch/Mesaverde well.		
Supervisor: VINCE GUINN		Engineer: RICHARD HOWELL		AFE No.: 0504732		Authorized Days:		
Active Datum: KB @4,956.0ft (KB ELEVATION)		Ground Elev.: 4,934.00		WI: 100%		Authorized MD/TVD: 8,450		
CURRENT DEPTH			HOLE SIZE	MUD WEIGHT	LAST CASING			
MD(ft)	TVD(ft)	24 Hr. Progress			SIZE	MD	TVD	LOT(EMW)
4,250.00	3,932.38	180.0(ft)		9.30(ppg)	13-3/8(")	544.0(ft)	544.0(ft)	(ppg)
FORMATION/TARGET NAME				MD TOP (ft)	TVD TOP (ft)	NEXT CASING		
WASATCH						SIZE	MD	TVD
MESAVERDE						(")	(ft)	(ft)
Daily Detail: DRLD 4070'-4193' (123' @ 9.1 FPH) RIG SERVICE DRLD 4193'-4250' (57' @ 5.7 FPH)						Well Costs (\$)		
							AFE	Actual
						Daily Cost		140,189.00
						Cumulative Total	1,815,182.00	875,817.00

CONFIDENTIAL Operations Chronology Report

Well: HCU 7-33F		API: 438473744790		Rpt No.: 10	DOL: 8	DFS: 7	Report Date: 6/30/2007
Operator: DOMINION EXPLORATION & PRODUCTION INC				UWI: 2076FNL,700FEL, SEC 33-10S-20E,SE/4 NE/4			
Rig Name: FRONTIER 6				Final Surface Location:			
Event: DRILL		Start Date: 5/22/2007		Spud Dt.: 2/18/2007		Type: Drill, complete, & equip a 7800' TVD Wasatch/Mesaverde well.	
Supervisor: VINCE GUINN		Engineer: RICHARD HOWELL		AFE No.: 0504732		Authorized Days:	
Active Datum: KB @4,956.0ft (KB ELEVATION)		Ground Elev.: 4,934.00		Wt: 100%		Authorized MD/TVD: 8,450	

CURRENT DEPTH			HOLE SIZE	MUD WEIGHT	LAST CASING		
MD(ft)	TVD(ft)	24 Hr. Progress			SIZE	MD	TVD
4,250.00	4,224.62	180.0(ft)	0(")	9.30(ppg)	13-3/8(")	544.0(ft)	544.0(ft) (ppg)

FORMATION/TARGET NAME		MD TOP (ft)	TVD TOP (ft)	NEXT CASING		
WASATCH				SIZE	MD	TVD
MESAVERDE				(")	(ft)	(ft)

Daily Detail: DRLD 4070'-4193' (123' @ 9.1 FPH) RIG SERVICE DRLD 4193'-4250' (57' @ 5.7 FPH)	Well Costs (\$)		
		AFE	Actual
	Daily Cost		140,189.00
	Cumulative Total	1,615,162.00	675,817.00

Well: HCU 7-33F		API: 438473744790		Rpt No.: 11	DOL: 8	DFS: 8	Report Date: 6/31/2007
Operator: DOMINION EXPLORATION & PRODUCTION INC				UWI: 2076FNL,700FEL, SEC 33-10S-20E,SE/4 NE/4			
Rig Name: FRONTIER 6				Final Surface Location:			
Event: DRILL		Start Date: 5/22/2007		Spud Dt.: 2/18/2007		Type: Drill, complete, & equip a 7800' TVD Wasatch/Mesaverde well.	
Supervisor: VINCE GUINN		Engineer: RICHARD HOWELL		AFE No.: 0504732		Authorized Days:	
Active Datum: KB @4,956.0ft (KB ELEVATION)		Ground Elev.: 4,934.00		Wt: 100%		Authorized MD/TVD: 8,450	

CURRENT DEPTH			HOLE SIZE	MUD WEIGHT	LAST CASING		
MD(ft)	TVD(ft)	24 Hr. Progress			SIZE	MD	TVD
4,360.00	4,334.14	110.0(ft)	0(")	9.30(ppg)	13-3/8(")	544.0(ft)	544.0(ft) (ppg)

FORMATION/TARGET NAME		MD TOP (ft)	TVD TOP (ft)	NEXT CASING		
WASATCH				SIZE	MD	TVD
MESAVERDE				(")	(ft)	(ft)

Daily Detail: DRLD 4250'-4255' (5' @ 3.3 FPH). TOH FOR BIT #3. CHANGE OUT BIT AND INSPECT MWD. TIH. DRLD 4255'-4311' (55' @ 7.8 FPH). RIG SERVICE 4311'-4360' (49' @ 6.5 FPH)	Well Costs (\$)		
		AFE	Actual
	Daily Cost		42,458.00
	Cumulative Total	1,615,162.00	718,275.00

Well: HCU 7-33F		API: 438473744790		Rpt No.: 12	DOL: 10	DFS: 8	Report Date: 6/1/2007
Operator: DOMINION EXPLORATION & PRODUCTION INC				UWI: 2076FNL,700FEL, SEC 33-10S-20E,SE/4 NE/4			
Rig Name: FRONTIER 6				Final Surface Location:			
Event: DRILL		Start Date: 5/22/2007		Spud Dt.: 2/18/2007		Type: Drill, complete, & equip a 7800' TVD Wasatch/Mesaverde well.	
Supervisor: VINCE GUINN		Engineer: RICHARD HOWELL		AFE No.: 0504732		Authorized Days:	
Active Datum: KB @4,956.0ft (KB ELEVATION)		Ground Elev.: 4,934.00		Wt: 100%		Authorized MD/TVD: 8,450	

CURRENT DEPTH			HOLE SIZE	MUD WEIGHT	LAST CASING		
MD(ft)	TVD(ft)	24 Hr. Progress			SIZE	MD	TVD
4,377.00	4,351.08	17.0(ft)	0(")	9.60(ppg)	13-3/8(")	544.0(ft)	544.0(ft) (ppg)

FORMATION/TARGET NAME		MD TOP (ft)	TVD TOP (ft)	NEXT CASING		
WASATCH				SIZE	MD	TVD
MESAVERDE				(")	(ft)	(ft)

Daily Detail: DRLD 4360'-4377' (17' @ 8.5 FPH) CIRC AND COND HOLE FOR CMT. POOH LAYING DOWN 8" TOOLS. RU FRANKS WESTATES CASING AND RAN AND LANDED 102 JTS. (4344') ST&C CSG. AT 4366' W/ TOP JT. 40#, FC @ 4319'. CIRC. AND COND HOLE FOR CMT, RU HALLIBURTON. CMT CSG. W/ 400 SX. LT CMT FOLLOWED BY 450 SX PREM. "G". DISP. CMT W/ 380 SX. FRESH WTR. ND 13-3/8" RISER, ANNULAR, AND ROT. HD. NU BOP AND CHOKE LINES.	Well Costs (\$)		
		AFE	Actual
	Daily Cost		132,858.00
	Cumulative Total	1,615,162.00	851,133.00

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DEPI Well Operations Chronology Report

Well: HCU 7-33F		API: 436473744700		Rpt No.: 13	DOL: 11	DPS: 10	Report Date: 6/2/2007	
Operator: DOMINION EXPLORATION & PRODUCTION INC				UWI: 2076°FNL,700°FEL, SEC 33-10S-20E,SE/4 NE/4				
Rig Name: FRONTIER 6				Final Surface Location:				
Event: DRILL		Start Date: 5/22/2007		Spud Dt.: 2/18/2007		Type: Drill, complete, & equip a 7800' TVD Wasatch/Mesaverde well.		
Supervisor: VINCE GUINN		Engineer: RICHARD HOWELL		AFE No.: 0504732		Authorized Days:		
Active Datum: KB @4,956.0ft (KB ELEVATION)		Ground Elev.: 4,934.00		WI: 100%		Authorized MD/TVD: 8,450		
CURRENT DEPTH			HOLE SIZE	MUD WEIGHT	LAST CASING			
MD(ft)	TVD(ft)	24 Hr. Progress			SIZE	MD	TVD	LOT(EMW)
5,147.00	5,119.90	770.0(ft)			9-5/8(")	4,366.0(ft)	4,060.0(ft)	(ppg)
FORMATION/TARGET NAME				MD TOP (ft)	TVD TOP (ft)	NEXT CASING		
WASATCH						SIZE	MD	TVD
MESAVERDE						(")	(ft)	(ft)
Daily Detail: NU BOP PRESSURE TEST BOP, HCR, CHOKE MANIFOLD TO 3000#. PRESSURE CSG. AND ANNULAR TO 1500#. PU BIT & BHA AND TIH. TAGGED CMT @ 4314'. DRLD CMT, FLOAT AND SHOE. PRESSURE TEST SHOE TO 200#/15 MIN. DRLD 4377-5147' (770' @ 73.3 FPH)						Well Costs (\$)		
							AFE	Actual
						Daily Cost		40,458.00
						Cumulative Total	1,615,162.00	891,591.00
Well: HCU 7-33F		API: 436473744700		Rpt No.: 14	DOL: 12	DPS: 11	Report Date: 6/3/2007	
Operator: DOMINION EXPLORATION & PRODUCTION INC				UWI: 2076°FNL,700°FEL, SEC 33-10S-20E,SE/4 NE/4				
Rig Name: FRONTIER 6				Final Surface Location:				
Event: DRILL		Start Date: 5/22/2007		Spud Dt.: 2/18/2007		Type: Drill, complete, & equip a 7800' TVD Wasatch/Mesaverde well.		
Supervisor: VINCE GUINN		Engineer: RICHARD HOWELL		AFE No.: 0504732		Authorized Days:		
Active Datum: KB @4,956.0ft (KB ELEVATION)		Ground Elev.: 4,934.00		WI: 100%		Authorized MD/TVD: 8,450		
CURRENT DEPTH			HOLE SIZE	MUD WEIGHT	LAST CASING			
MD(ft)	TVD(ft)	24 Hr. Progress			SIZE	MD	TVD	LOT(EMW)
7,084.00	7,055.92	1,937.0(ft)			8.70(ppg)	9-5/8(")	4,366.0(ft)	4,060.0(ft)
FORMATION/TARGET NAME				MD TOP (ft)	TVD TOP (ft)	NEXT CASING		
WASATCH						SIZE	MD	TVD
MESAVERDE						(")	(ft)	(ft)
Daily Detail: DRLD 5147'-5434' (287' @ 115 FPH) WIRELINE SURVEY @ 5365', 1.5 DEG. RIG SERVICE, FUNCT. TEST BOP DRLD 5434'-6384' (950' @ 100 FJPH) WIRELINE SURVEY @ 6304', 2 DEG. DRLD 6384'-6638' (254' @ 84.7 FPH) REPLACE ROTATING HD. RUBBER. DRLD 6638'-7084' (446' @ 63.7 FPH)						Well Costs (\$)		
							AFE	Actual
						Daily Cost		50,360.00
						Cumulative Total	1,615,162.00	941,951.00
Well: HCU 7-33F		API: 436473744700		Rpt No.: 15	DOL: 13	DPS: 12	Report Date: 6/4/2007	
Operator: DOMINION EXPLORATION & PRODUCTION INC				UWI: 2076°FNL,700°FEL, SEC 33-10S-20E,SE/4 NE/4				
Rig Name: FRONTIER 6				Final Surface Location:				
Event: DRILL		Start Date: 5/22/2007		Spud Dt.: 2/18/2007		Type: Drill, complete, & equip a 7800' TVD Wasatch/Mesaverde well.		
Supervisor: VINCE GUINN		Engineer: RICHARD HOWELL		AFE No.: 0504732		Authorized Days:		
Active Datum: KB @4,956.0ft (KB ELEVATION)		Ground Elev.: 4,934.00		WI: 100%		Authorized MD/TVD: 8,450		
CURRENT DEPTH			HOLE SIZE	MUD WEIGHT	LAST CASING			
MD(ft)	TVD(ft)	24 Hr. Progress			SIZE	MD	TVD	LOT(EMW)
8,170.00	8,141.26	1,086.0(ft)			8.70(ppg)	9-5/8(")	4,366.0(ft)	4,060.0(ft)
FORMATION/TARGET NAME				MD TOP (ft)	TVD TOP (ft)	NEXT CASING		
WASATCH						SIZE	MD	TVD
MESAVERDE						(")	(ft)	(ft)
Daily Detail: DRLD 7084'-7784' (700' @ 70 FPH) RIG SERVICE, FUNCT. TEST BOP DRLD 7784'-8170' (386' @ 32.2 FPH) CIRC. AND COND. FOR LOGS						Well Costs (\$)		
							AFE	Actual
						Daily Cost		32,600.00
						Cumulative Total	1,615,162.00	974,551.00

DEPI Well Operations Chronology Report

Well: HCU 7-33F		API: 430473744700		Rpt No.: 16	DOL: 14	DPS: 13	Report Date: 6/8/2007	
Operator: DOMINION EXPLORATION & PRODUCTION INC				UWI: 2078°FNL,700°FEL, SEC 33-10S-20E,SE/4 NE/4				
Rig Name: FRONTIER 6				Final Surface Location:				
Event: DRILL		Start Date: 5/22/2007		Spud Dt.: 2/18/2007		Type: Drill, complete, & equip a 7800' TVD Wasatch/Mesaverde well.		
Supervisor: VINCE GUINN		Engineer: RICHARD HOWELL		AFE No.: 0504732		Authorized Days:		
Active Datum: KB @4,956.0ft (KB ELEVATION)		Ground Elev.: 4,934.00		WI: 100%		Authorized MD/TVD: 8,450		
CURRENT DEPTH			HOLE SIZE	MUD WEIGHT	LAST CASING			
MD(ft)	TVD(ft)	24 Hr. Progress			SIZE	MD	TVD	LOT(EMW)
8,170.00	8,141.26	0.0(ft)		9.20(ppg)	9-5/8(")	4,366.0(ft)	4,060.0(ft) (ppg)	
FORMATION/TARGET NAME				MD TOP (ft)	TVD TOP (ft)	NEXT CASING		
WASATCH						SIZE	MD	TVD
MESAVERDE						(")	(ft)	(ft)
Daily Detail: POOH FOR OPEN HOLE LOGS WAIT ON BAKER ATLAS RIG UP BAKER ATLAS AND HOLE SAFETY MEETING BAKER ATLAS REPAIRING TOOLS BAKER ATLAS RAN DLL W/ SP & GR AND FD/CNL W/ GR AND CAL FROM BASE SURFACE CSG TO 8169' LTD. RD BAKER ATLAS TIH FOR LAYDOWN CIRC. AND COND HOLE FOR LD, RU FRANKS WESTSTATES LAYDOWN MACHINE LAYDOWN DP.						Well Costs (\$)		
							AFE	Actual
						Daily Cost		64,295.00
						Cumulative Total	1,615,162.00	1,036,846.00
Well: HCU 7-33F		API: 430473744700		Rpt No.: 17	DOL: 16	DPS: 14	Report Date: 6/8/2007	
Operator: DOMINION EXPLORATION & PRODUCTION INC				UWI: 2078°FNL,700°FEL, SEC 33-10S-20E,SE/4 NE/4				
Rig Name: FRONTIER 6				Final Surface Location:				
Event: DRILL		Start Date: 5/22/2007		Spud Dt.: 2/18/2007		Type: Drill, complete, & equip a 7800' TVD Wasatch/Mesaverde well.		
Supervisor: VINCE GUINN		Engineer: RICHARD HOWELL		AFE No.: 0504732		Authorized Days:		
Active Datum: KB @4,956.0ft (KB ELEVATION)		Ground Elev.: 4,934.00		WI: 100%		Authorized MD/TVD: 8,450		
CURRENT DEPTH			HOLE SIZE	MUD WEIGHT	LAST CASING			
MD(ft)	TVD(ft)	24 Hr. Progress			SIZE	MD	TVD	LOT(EMW)
8,170.00	8,141.26	0.0(ft)		9.20(ppg)	9-5/8(")	4,366.0(ft)	4,060.0(ft) (ppg)	
FORMATION/TARGET NAME				MD TOP (ft)	TVD TOP (ft)	NEXT CASING		
WASATCH						SIZE	MD	TVD
MESAVERDE						(")	(ft)	(ft)
Daily Detail: FINISHED LAYING DOWN DP AND DC. RAN AND LANDED 189 JTS (8110.77') OF 5-1/2", 17#, N-80 LT&C CSG. AT 8132.77' W/ FC AT 8065.93' AND MARKER JT. @ 7104.76' AND 4273.1. RU FRANKS WESTATES CSG. CREW. RIG DOWN FRANKS WESTATES AND CIRC. AND COND HOLE FOR CMT. RU HALLIBURTON. CMTED CSG. W/ 625 SX. HLC-TYPE V. PRECEDED CMT W/ 50 BBLs MUD FLUSH. DISP. CMT W/ 187 2% KCL WTR. BUNPED PLUG W/ 2189#, 700# OVER. FLOATS HELD OK. RD HALLIBURTON. CLEAN MUD PITS AND RELEASED RIG @ 22:30. RD ROTARY TOOLS						Well Costs (\$)		
							AFE	Actual
						Daily Cost		167,666.00
						Cumulative Total	1,615,162.00	1,206,512.00

DEPI Well Operations Chronology Report

Well: HCU 7-33F		API: 430473744700		Rpt No.: 16	DOL: 14	DPS: 13	Report Date: 6/6/2007	
Operator: DOMINION EXPLORATION & PRODUCTION INC				UWM: 2076\FNL,700\FEL, SEC 33-10S-20E,SE/4 NE/4				
Rig Name: FRONTIER 6				Final Surface Location:				
Event: DRILL		Start Date: 5/22/2007		Spud Dt.: 2/18/2007		Type: Drill, complete, & equip a 7800' TVD Wasatch/Mesaverde well.		
Supervisor: VINCE GUINN		Engineer: RICHARD HOWELL		AFE No.: 0504732		Authorized Days:		
Active Datum: KB @4,956.0ft (KB ELEVATION)		Ground Elev.: 4,934.00		Wt: 100%		Authorized MD/TVD: 8,450		
CURRENT DEPTH			HOLE SIZE	MUD WEIGHT	LAST CASING			
MD(ft)	TVD(ft)	24 Hr. Progress			SIZE	MD	TVD	LOT(EMW)
8,170.00	8,141.26	0.0(ft)		9.20(ppg)	9-5/8(")	4,366.0(ft)	4,060.0(ft) (ppg)	
FORMATION/TARGET NAME				MD TOP (ft)	TVD TOP (ft)	NEXT CASING		
WASATCH						SIZE	MD	TVD
MESAVERDE						(")	(ft)	(ft)
Daily Detail: POOH FOR OPEN HOLE LOGS WAIT ON BAKER ATLAS RIG UP BAKER ATLAS AND HOLE SAFETY MEETING BAKER ATLAS REPAIRING TOOLS BAKER ATLAS RAN DLL W/ SP & GR AND FD/CNL W/ GR AND CAL FROM BASE SURFACE CSG TO 8169' LTD. RD BAKER ATLAS TIH FOR LAYDOWN CIRC. AND COND HOLE FOR LD, RU FRANKS WESTSTATES LAYDOWN MACHINE LAYDOWN DP.						Well Costs (\$)		
							AFE	Actual
						Daily Cost		64,295.00
						Cumulative Total	1,615,162.00	1,036,848.00
Well: HCU 7-33F		API: 430473744700		Rpt No.: 17	DOL: 16	DPS: 14	Report Date: 6/6/2007	
Operator: DOMINION EXPLORATION & PRODUCTION INC				UWM: 2076\FNL,700\FEL, SEC 33-10S-20E,SE/4 NE/4				
Rig Name: FRONTIER 6				Final Surface Location:				
Event: DRILL		Start Date: 5/22/2007		Spud Dt.: 2/18/2007		Type: Drill, complete, & equip a 7800' TVD Wasatch/Mesaverde well.		
Supervisor: VINCE GUINN		Engineer: RICHARD HOWELL		AFE No.: 0504732		Authorized Days:		
Active Datum: KB @4,956.0ft (KB ELEVATION)		Ground Elev.: 4,934.00		Wt: 100%		Authorized MD/TVD: 8,450		
CURRENT DEPTH			HOLE SIZE	MUD WEIGHT	LAST CASING			
MD(ft)	TVD(ft)	24 Hr. Progress			SIZE	MD	TVD	LOT(EMW)
8,170.00	8,141.26	0.0(ft)		9.20(ppg)	9-5/8(")	4,366.0(ft)	4,060.0(ft) (ppg)	
FORMATION/TARGET NAME				MD TOP (ft)	TVD TOP (ft)	NEXT CASING		
WASATCH						SIZE	MD	TVD
MESAVERDE						(")	(ft)	(ft)
Daily Detail: FINISHED LAYING DOWN DP AND DC. RAN AND LANDED 189 JTS (8110.77') OF 5-1/2", 17#, N-80 LT&C CSG. AT 8132.77' W/ FC AT 8065.93' AND MARKER JT. @ 7104.76' AND 4273.1. RU FRANKS WESTATES CSG. CREW. RIG DOWN FRANKS WESTATES AND CIRC. AND COND HOLE FOR CMT. RU HALLIBURTON. CMTED CSG. W/ 625 SX. HLC-TYPE V. PRECEDED CMT W/ 50 BBLs MUD FLUSH. DISP. CMT W/ 187 2% KCL WTR. BUNPED PLUG W/ 2189#, 700# OVER. FLOATS HELD OK. RD HALLIBURTON. CLEAN MUD PITS AND RELEASED RIG @ 22:30. RD ROTARY TOOLS						Well Costs (\$)		
							AFE	Actual
						Daily Cost		167,666.00
						Cumulative Total	1,615,162.00	1,206,512.00

DEPI Well Operations Chronology Report

Well: HCU 7-33F		API: 430473744700		Rpt No.: 1	DOL: 1	DFS:	Report Date: 6/14/2007
Operator: DOMINION EXPLORATION & PRODUCTION INC				UWI: 2076°FNL,700°FEL, SEC 33-10S-20E,SE/4 NE/4			
Rig Name:				Final Surface Location:			
Event: COMPLETE		Start Date: 6/13/2007		Spud Dt.: 2/18/2007		Type: COMPLETION	
Supervisor: PAT WISENER		Engineer: RICHARD HOWELL		AFE No.: 0504732		Authorized Days:	
Active Datum: KB @4,956.0ft (KB ELEVATION)		Ground Elev.: 4,934.00		Wt: 100%		Authorized MD/TVD: 8,450	
CURRENT DEPTH			HOLE SIZE	MUD WEIGHT	LAST CASING		
MD(ft)	TVD(ft)	24 Hr. Progress			SIZE	MD	TVD
					9-5/8(")	4,366.0(ft)	4,060.0(ft)
							LOT(EMW)
							(ppg)
FORMATION/TARGET NAME				MD TOP (ft)	TVD TOP (ft)	NEXT CASING	
WASATCH						SIZE	MD
MESAVERDE						(")	(ft)
						TVD	(ft)
Daily Detail: PRESSURE TEST CSGN & FRAC VALVE TO 5,000 PSI. RUN CBL LOG UNDER 1,000 PSI. FROM 8065' TO 3500' (EST CEMENT TOP) PERF 1ST STAGE @ 7677' THRU 7688' @ 6SPF.						Well Costs (\$)	
						AFE	Actual
Daily Cost							9,954.00
Cumulative Total						1,815,162.00	9,954.00
Well: HCU 7-33F		API: 430473744700		Rpt No.: 2	DOL: 2	DFS:	Report Date: 6/16/2007
Operator: DOMINION EXPLORATION & PRODUCTION INC				UWI: 2076°FNL,700°FEL, SEC 33-10S-20E,SE/4 NE/4			
Rig Name:				Final Surface Location:			
Event: COMPLETE		Start Date: 6/13/2007		Spud Dt.: 2/18/2007		Type: COMPLETION	
Supervisor: JOE DUNCAN		Engineer: RICHARD HOWELL		AFE No.: 0504732		Authorized Days:	
Active Datum: KB @4,956.0ft (KB ELEVATION)		Ground Elev.: 4,934.00		Wt: 100%		Authorized MD/TVD: 8,450	
CURRENT DEPTH			HOLE SIZE	MUD WEIGHT	LAST CASING		
MD(ft)	TVD(ft)	24 Hr. Progress			SIZE	MD	TVD
					9-5/8(")	4,366.0(ft)	4,060.0(ft)
							LOT(EMW)
							(ppg)
FORMATION/TARGET NAME				MD TOP (ft)	TVD TOP (ft)	NEXT CASING	
WASATCH						SIZE	MD
MESAVERDE						(")	(ft)
						TVD	(ft)
Daily Detail: MIRU SCHLUMBERGER, FRAC STG #1, SET CBP @7650' AND PERFORATE @ 7518-30. THE REST OF THE GUN MISFIRED. POOH W/ SETTING TOOL AND GUN. REPAIRED GUN, RIH AND TAGGED SAND @ 7537' KB COVERING THE REST OF STG #2. POOH W/ GUN, ATTEMP TO FLOW THE SAND OFF OF STG #2. THE WELL DIED IN 15 MINUTES. RDMO SCHLUMBERGER, PREP TO C/O SAND MONDAY.						Well Costs (\$)	
						AFE	Actual
Daily Cost							30,300.00
Cumulative Total						1,815,162.00	40,254.00
Well: HCU 7-33F		API: 430473744700		Rpt No.: 3	DOL: 3	DFS:	Report Date: 6/17/2007
Operator: DOMINION EXPLORATION & PRODUCTION INC				UWI: 2076°FNL,700°FEL, SEC 33-10S-20E,SE/4 NE/4			
Rig Name:				Final Surface Location:			
Event: COMPLETE		Start Date: 6/13/2007		Spud Dt.: 2/18/2007		Type: COMPLETION	
Supervisor: DUSTIN HENLINE		Engineer: RICHARD HOWELL		AFE No.: 0504732		Authorized Days:	
Active Datum: KB @4,956.0ft (KB ELEVATION)		Ground Elev.: 4,934.00		Wt: 100%		Authorized MD/TVD: 8,450	
CURRENT DEPTH			HOLE SIZE	MUD WEIGHT	LAST CASING		
MD(ft)	TVD(ft)	24 Hr. Progress			SIZE	MD	TVD
					9-5/8(")	4,366.0(ft)	4,060.0(ft)
							LOT(EMW)
							(ppg)
FORMATION/TARGET NAME				MD TOP (ft)	TVD TOP (ft)	NEXT CASING	
WASATCH						SIZE	MD
MESAVERDE						(")	(ft)
						TVD	(ft)
Daily Detail: FLOW REPORT, WELL FLOWING UP CSG. TO PIT ON 24/64 CHOKE, FCP 20#, LEFT WELL SAME.						Well Costs (\$)	
						AFE	Actual
Daily Cost							0.00
Cumulative Total						1,815,162.00	40,254.00

DEPI Well Operations Chronology Report

Well: HCU 7-33F		API: 430473744700		Rpt No.: 4	DOL: 4	DPS:	Report Date: 6/18/2007
Operator: DOMINION EXPLORATION & PRODUCTION INC				UWI: 2076\FNL,700\FEL, SEC 33-10S-20E,SE/4 NE/4			
Rig Name:				Final Surface Location:			
Event: COMPLETE		Start Date: 6/13/2007		Spud Dt.: 2/18/2007		Type: COMPLETION	
Supervisor: DUSTIN HENLINE		Engineer: RICHARD HOWELL		AFE No.: 0504732		Authorized Days:	
Active Datum: KB @4,956.0ft (KB ELEVATION)		Ground Elev.: 4,934.00		Wt: 100%		Authorized MD/TVD: 8,450	
CURRENT DEPTH			HOLE SIZE	MUD WEIGHT	LAST CASING		
MD(ft)	TVD(ft)	24 Hr. Progress			SIZE	MD	TVD
					9-5/8(")	4,366.0(ft)	4,060.0(ft)
FORMATION/TARGET NAME			MD TOP (ft)	TVD TOP (ft)	NEXT CASING		
WASATCH					SIZE	MD	TVD
MESAVERDE					(")	(ft)	(ft)
Daily Detail: FLOW REPORT, WELL FLOWING UP TBG. TO UNIT ON 18/64 CHOKE. FTP 0#, W/O SHOULD ARRIVE MONDAY AM.					Well Costs (\$)		
						AFE	Actual
					Daily Cost		0.00
					Cumulative Total	1,615,162.00	40,254.00
Well: HCU 7-33F		API: 430473744700		Rpt No.: 3	DOL: 3	DPS:	Report Date: 6/18/2007
Operator: DOMINION EXPLORATION & PRODUCTION INC				UWI: 2076\FNL,700\FEL, SEC 33-10S-20E,SE/4 NE/4			
Rig Name:				Final Surface Location:			
Event: COMPLETE		Start Date: 6/13/2007		Spud Dt.: 2/18/2007		Type: COMPLETION	
Supervisor: JOE DUNCAN		Engineer: RICHARD HOWELL		AFE No.: 0504732		Authorized Days:	
Active Datum: KB @4,956.0ft (KB ELEVATION)		Ground Elev.: 4,934.00		Wt: 100%		Authorized MD/TVD: 8,450	
CURRENT DEPTH			HOLE SIZE	MUD WEIGHT	LAST CASING		
MD(ft)	TVD(ft)	24 Hr. Progress			SIZE	MD	TVD
					9-5/8(")	4,366.0(ft)	4,060.0(ft)
FORMATION/TARGET NAME			MD TOP (ft)	TVD TOP (ft)	NEXT CASING		
WASATCH					SIZE	MD	TVD
MESAVERDE					(")	(ft)	(ft)
Daily Detail: MIRU TEMPLES WELL SERVICE. ND FRAC VALVE, NU BOPE, AND RU WORKING FLOOR. RIH W/ 4-3/4" ROCK TOOTH BIT, BIT SUB, AND 242 JTS OF 2-3/8" 4.7# N-80 BRD TBG. TAGGED TOP OF SAND @ 7580' KB. RU RIG PUMP AND C/O SAND TO 7600' KB. CIRCULATE WELL CLEAN W/ 170 BBLs OF 2% KCL WATER. POOH LD 120 JTS OF TBG, SHUT WELL IN OVERNIGHT.					Well Costs (\$)		
						AFE	Actual
					Daily Cost		12,247.00
					Cumulative Total	1,615,162.00	52,501.00
Well: HCU 7-33F		API: 430473744700		Rpt No.: 4	DOL: 4	DPS:	Report Date: 6/20/2007
Operator: DOMINION EXPLORATION & PRODUCTION INC				UWI: 2076\FNL,700\FEL, SEC 33-10S-20E,SE/4 NE/4			
Rig Name:				Final Surface Location:			
Event: COMPLETE		Start Date: 6/13/2007		Spud Dt.: 2/18/2007		Type: COMPLETION	
Supervisor: JOE DUNCAN		Engineer: RICHARD HOWELL		AFE No.: 0504732		Authorized Days:	
Active Datum: KB @4,956.0ft (KB ELEVATION)		Ground Elev.: 4,934.00		Wt: 100%		Authorized MD/TVD: 8,450	
CURRENT DEPTH			HOLE SIZE	MUD WEIGHT	LAST CASING		
MD(ft)	TVD(ft)	24 Hr. Progress			SIZE	MD	TVD
					9-5/8(")	4,366.0(ft)	4,060.0(ft)
FORMATION/TARGET NAME			MD TOP (ft)	TVD TOP (ft)	NEXT CASING		
WASATCH					SIZE	MD	TVD
MESAVERDE					(")	(ft)	(ft)
Daily Detail: SITP 0#, SICP 50#. POOH FINISH LD 122 JTS OF 2-3/8" TBG. RD WORKING FLOOR, ND BOPE,NU AND TEST FRAC VALVE. RDMO RIG AND EQUIPMENT. WAIT ON FRAC DATE.					Well Costs (\$)		
						AFE	Actual
					Daily Cost		6,179.00
					Cumulative Total	1,615,162.00	58,880.00

DPP Well Completion Chronology Report

Operator: DOMINION EXPLORATION & PRODUCTION INC		UWI: 2076'FNL,700'FEL, SEC 33-10S-20E,SE/4 NE/4	
Rig Name:		Final Surface Location:	
Event: COMPLETE	Start Date: 6/13/2007	Spud Dt.: 2/18/2007	Type: COMPLETION
Supervisor: DUSTIN HENLINE	Engineer: RICHARD HOWELL	AFE No.: 0504732	Authorized Days:
Active Datum: KB @4,956.0ft (KB ELEVATION)	Ground Elev.: 4,934.00	Wl: 100%	Authorized MD/TVD: 8,450

CURRENT DEPTH			HOLE SIZE	MUD WEIGHT	LAST CASING			
MD(ft)	TVD(ft)	24 Hr. Progress			SIZE	MD	TVD	LOT(EMW)
					9-5/8(*)	4,366.0(ft)	4,060.0(ft)	(ppg)

FORMATION/TARGET NAME	MD TOP (ft)	TVD TOP (ft)	NEXT CASING		
WASATCH			SIZE	MD	TVD
MESAVERDE			(*)	(ft)	(ft)

Daily Detail: FLOW REPORT, WELL FLOWING UP TBG. TO UNIT ON 18/64 CHOKE. FTP 0#, W/O SHOULD ARRIVE MONDAY AM.	Well Costs (\$)		
		AFE	Actual
	Daily Cost		0.00
	Cumulative Total	1,615,162.00	40,254.00

Operator: DOMINION EXPLORATION & PRODUCTION INC		UWI: 2076'FNL,700'FEL, SEC 33-10S-20E,SE/4 NE/4	
Rig Name:		Final Surface Location:	
Event: COMPLETE	Start Date: 6/13/2007	Spud Dt.: 2/18/2007	Type: COMPLETION
Supervisor: JOE DUNCAN	Engineer: RICHARD HOWELL	AFE No.: 0504732	Authorized Days:
Active Datum: KB @4,956.0ft (KB ELEVATION)	Ground Elev.: 4,934.00	Wl: 100%	Authorized MD/TVD: 8,450

CURRENT DEPTH			HOLE SIZE	MUD WEIGHT	LAST CASING			
MD(ft)	TVD(ft)	24 Hr. Progress			SIZE	MD	TVD	LOT(EMW)
					9-5/8(*)	4,366.0(ft)	4,060.0(ft)	(ppg)

FORMATION/TARGET NAME	MD TOP (ft)	TVD TOP (ft)	NEXT CASING		
WASATCH			SIZE	MD	TVD
MESAVERDE			(*)	(ft)	(ft)

Daily Detail: MIRU TEMPLES WELL SERVICE. ND FRAC VALVE, NU BOPE, AND RU WORKING FLOOR. RIH W/ 4-3/4" ROCK TOOTH BIT, BIT SUB, AND 242 JTS OF 2-3/8" 4.7# N-80 8RD TBG. TAGGED TOP OF SAND @ 7580' KB. RU RIG PUMP AND C/O SAND TO 7600' KB. CIRCULATE WELL CLEAN W/ 170 BBLs OF 2% KCL WATER. POOH LD 120 JTS OF TBG, SHUT WELL IN OVERNIGHT.	Well Costs (\$)		
		AFE	Actual
	Daily Cost		12,247.00
	Cumulative Total	1,615,162.00	52,501.00

Operator: DOMINION EXPLORATION & PRODUCTION INC		UWI: 2076'FNL,700'FEL, SEC 33-10S-20E,SE/4 NE/4	
Rig Name:		Final Surface Location:	
Event: COMPLETE	Start Date: 6/13/2007	Spud Dt.: 2/18/2007	Type: COMPLETION
Supervisor: JOE DUNCAN	Engineer: RICHARD HOWELL	AFE No.: 0504732	Authorized Days:
Active Datum: KB @4,956.0ft (KB ELEVATION)	Ground Elev.: 4,934.00	Wl: 100%	Authorized MD/TVD: 8,450

CURRENT DEPTH			HOLE SIZE	MUD WEIGHT	LAST CASING			
MD(ft)	TVD(ft)	24 Hr. Progress			SIZE	MD	TVD	LOT(EMW)
					9-5/8(*)	4,366.0(ft)	4,060.0(ft)	(ppg)

FORMATION/TARGET NAME	MD TOP (ft)	TVD TOP (ft)	NEXT CASING		
WASATCH			SIZE	MD	TVD
MESAVERDE			(*)	(ft)	(ft)

Daily Detail: SITP 0#, SICP 50#. POOH FINISH LD 122 JTS OF 2-3/8" TBG. RD WORKING FLOOR, ND BOPE,NU AND TEST FRAC VALVE. RDMO RIG AND EQUIPMENT. WAIT ON FRAC DATE.	Well Costs (\$)		
		AFE	Actual
	Daily Cost		6,179.00
	Cumulative Total	1,615,162.00	58,680.00

Well Completion Report

Operator: DOMINION EXPLORATION & PRODUCTION INC		UWI: 2076'FNL,700'FEL, SEC 33-10S-20E,SE/4 NE/4						
Rig Name:		Final Surface Location:						
Event: COMPLETE	Start Date: 6/13/2007	Spud Dt.: 2/18/2007	Type: COMPLETION					
Supervisor: JOE DUNCAN	Engineer: RICHARD HOWELL	AFE No.: 0504732	Authorized Days:					
Active Datum: KB @4,956.0ft (KB ELEVATION)	Ground Elev.: 4,934.00	WI: 100%	Authorized MD/TVD: 8,450					
CURRENT DEPTH			HOLE SIZE	MUD WEIGHT	LAST CASING			
MD(ft)	TVD(ft)	24 Hr. Progress			SIZE	MD	TVD	LOT(EMW)
					9-5/8(*)	4,366.0(ft)	4,060.0(ft)	(ppg)
FORMATION/TARGET NAME				MD TOP (ft)	TVD TOP (ft)	NEXT CASING		
WASATCH						SIZE	MD	TVD
MESAVERDE						(*)	(ft)	(ft)
Daily Detail: MIRU SCHLUMBERGER, PERFORATE THE REST OF STG #2, FRAC STG #2, PERFORATE AND FRAC STG'S #3 & #4. OPEN WELL TO THE PIT ON A 12/64 CHOKE. TURN WELL OVER TO PRODUCTION.						Well Cost (\$)		
						AFE	Actual	
Daily Cost								158,587.00
Cumulative Total						1,615,162.00		217,267.00

Operator: DOMINION EXPLORATION & PRODUCTION INC		UWI: 2076'FNL,700'FEL, SEC 33-10S-20E,SE/4 NE/4						
Rig Name:		Final Surface Location:						
Event: COMPLETE	Start Date: 6/13/2007	Spud Dt.: 2/18/2007	Type: COMPLETION					
Supervisor: JOE DUNCAN	Engineer: RICHARD HOWELL	AFE No.: 0504732	Authorized Days:					
Active Datum: KB @4,956.0ft (KB ELEVATION)	Ground Elev.: 4,934.00	WI: 100%	Authorized MD/TVD: 8,450					
CURRENT DEPTH			HOLE SIZE	MUD WEIGHT	LAST CASING			
MD(ft)	TVD(ft)	24 Hr. Progress			SIZE	MD	TVD	LOT(EMW)
					9-5/8(*)	4,366.0(ft)	4,060.0(ft)	(ppg)
FORMATION/TARGET NAME				MD TOP (ft)	TVD TOP (ft)	NEXT CASING		
WASATCH						SIZE	MD	TVD
MESAVERDE						(*)	(ft)	(ft)
Daily Detail:						Well Cost (\$)		
						AFE	Actual	
Daily Cost								0.00
Cumulative Total						1,615,162.00		217,267.00

Operator: DOMINION EXPLORATION & PRODUCTION INC		UWI: 2076'FNL,700'FEL, SEC 33-10S-20E,SE/4 NE/4						
Rig Name:		Final Surface Location:						
Event: COMPLETE	Start Date: 6/13/2007	Spud Dt.: 2/18/2007	Type: COMPLETION					
Supervisor: JOE DUNCAN	Engineer: RICHARD HOWELL	AFE No.: 0504732	Authorized Days:					
Active Datum: KB @4,956.0ft (KB ELEVATION)	Ground Elev.: 4,934.00	WI: 100%	Authorized MD/TVD: 8,450					
CURRENT DEPTH			HOLE SIZE	MUD WEIGHT	LAST CASING			
MD(ft)	TVD(ft)	24 Hr. Progress			SIZE	MD	TVD	LOT(EMW)
					9-5/8(*)	4,366.0(ft)	4,060.0(ft)	(ppg)
FORMATION/TARGET NAME				MD TOP (ft)	TVD TOP (ft)	NEXT CASING		
WASATCH						SIZE	MD	TVD
MESAVERDE						(*)	(ft)	(ft)
Daily Detail: FLOW REPORT, WELL FLOWING UP CSG TO PIT ON 18/64 CHOKE. FCP 1200#, RECOVERED 1045 BBLS FRAC FLUID.						Well Cost (\$)		
						AFE	Actual	
Daily Cost								0.00
Cumulative Total						1,615,162.00		217,267.00

DSD Well Completion Chronology Report

Operator: DOMINION EXPLORATION & PRODUCTION INC		UWI: 2076 FNL, 700 FEL, SEC 33-10S-20E, SE/4 NE/4	
Rig Name:		Final Surface Location:	
Event: COMPLETE	Start Date: 6/13/2007	Spud Dt.: 2/18/2007	Type: COMPLETION
Supervisor: JOE DUNCAN	Engineer: RICHARD HOWELL	AFE No.: 0504732	Authorized Days:
Active Datum: KB @ 4,956.0ft (KB ELEVATION)	Ground Elev.: 4,934.00	WI: 100%	Authorized MD/TVD: 8,450

CURRENT DEPTH			HOLE SIZE	MUD WEIGHT	LAST CASING			
MD(ft)	TVD(ft)	24 Hr. Progress			SIZE	MD	TVD	LOT(EMW)
					9-5/8(*)	4,366.0(ft)	4,060.0(ft)	(ppg)

FORMATION/TARGET NAME	MD TOP (ft)	TVD TOP (ft)	NEXT CASING		
WASATCH			SIZE	MD	TVD
MESAVERDE			(*)	(ft)	(ft)

Daily Detail: MIRU RIG AND EQUIPMENT, RU CASED HOLE SOLUTIONS RIH AND SET CBP @ 4450' KB. RDMO WIRELINE, ATTEMPT TO BLEED PRESSURE OFF OF CSG, UNABLE TO BLEED OFF PRESSURE. MIRU CASED HOLE SOLUTIONS AND RIH W/ A SECOND CBP SET @ 4400' KB. BLED WELL DN, RDMO WIRELINE. ND FRAC VALVE, NU BOPE, AND RU WORKING FLOOR. RIH W/ 4-3/4" ROCK TOOTH BIT, SAFETY SUB, BRS, PSN, AND 144 JTS OF 2-3/8" 4.7# N-80 8RD TBG. SHUT WELL IN W/ EOT @ 4300' KB. PREP TO DRILL OUT PLUGS IN THE MORNING.	Well Cost (\$)		
		AFE	Actual
	Daily Cost		21,694.00
	Cumulative Total	1,615,162.00	238,961.00

Well: HCU 7-3-07		API: 43443144700		Borehole No.:		DCI:		DOB:		Report Date: 8/24/2007	
Operator: DOMINION EXPLORATION & PRODUCTION INC		UWI: 2076 FNL, 700 FEL, SEC 33-10S-20E, SE/4 NE/4									
Rig Name:		Final Surface Location:									
Event: COMPLETE	Start Date: 6/13/2007	Spud Dt.: 2/18/2007	Type: COMPLETION								
Supervisor: JEFF KULLAND	Engineer: RICHARD HOWELL	AFE No.: 0504732	Authorized Days:								
Active Datum: KB @ 4,956.0ft (KB ELEVATION)	Ground Elev.: 4,934.00	WI: 100%	Authorized MD/TVD: 8,450								

CURRENT DEPTH			HOLE SIZE	MUD WEIGHT	LAST CASING			
MD(ft)	TVD(ft)	24 Hr. Progress			SIZE	MD	TVD	LOT(EMW)
					9-5/8(*)	4,366.0(ft)	4,060.0(ft)	(ppg)

FORMATION/TARGET NAME	MD TOP (ft)	TVD TOP (ft)	NEXT CASING		
WASATCH			SIZE	MD	TVD
MESAVERDE			(*)	(ft)	(ft)

Daily Detail: 0# SIP. EST CIRC. D/O CBP, S @ 4400', 4450', 4650', 5850' & 7650'. RIH TO 7820' & CIRC CLEAN. POOH & LD 5 JTS TBG. LAND ON WELL W/ SN/EOT @ 7672'. (244 JTS 2 3/8" TBG, SN & P/O BIT SUB TOP.) ND BOP NU WELLHEAD. DROP BALL & PUMP OFF BIT SUB. TURN WELL OVER TO PROD. RDPU & LEAVE ON LOC.	Well Cost (\$)		
		AFE	Actual
	Daily Cost		41,080.00
	Cumulative Total	1,615,162.00	280,041.00

Well Operation Chronology Report

Operator: DOMINION EXPLORATION & PRODUCTION INC				UWI: 2076°FNL,700°FEL, SEC 33-10S-20E,SE/4 NE/4			
Rig Name:				Final Surface Location:			
Event: COMPLETE		Start Date: 6/13/2007		Spud Dt.: 2/18/2007		Type: COMPLETION	
Supervisor: DUSTIN HENLINE		Engineer: RICHARD HOWELL		AFE No.: 0504732		Authorized Days:	
Active Datum: KB @4,956.0ft (KB ELEVATION)		Ground Elev.: 4,934.00		WI: 100%		Authorized MD/TVD: 8,450	
CURRENT DEPTH			HOLE SIZE	MUD WEIGHT	LAST CASING		
MD(ft)	TVD(ft)	24 Hr. Progress			SIZE	MD	TVD
					9-5/8(*)	4,366.0(ft)	4,060.0(ft)
							LOT(EMW)
							(ppg)
FORMATION/TARGET NAME				MD TOP (ft)	TVD TOP (ft)	NEXT CASING	
WASATCH						SIZE	MD
MESAVERDE						(*)	(ft)
							TVD
							(ft)
Daily Detail: FLOW REPORT, WELL FLOWING TO PIT UP TBG. ON 48/64 CHOKE. WELL DEAD, FTP 0#, SICP 1725#.						Well Costs (\$)	
						AFE	Actual
Daily Cost							0.00
Cumulative Total						1,615,162.00	280,041.00

Operator: DOMINION EXPLORATION & PRODUCTION INC				UWI: 2076°FNL,700°FEL, SEC 33-10S-20E,SE/4 NE/4			
Rig Name:				Final Surface Location:			
Event: COMPLETE		Start Date: 6/13/2007		Spud Dt.: 2/18/2007		Type: COMPLETION	
Supervisor: JEFF KULLAND		Engineer: RICHARD HOWELL		AFE No.: 0504732		Authorized Days:	
Active Datum: KB @4,956.0ft (KB ELEVATION)		Ground Elev.: 4,934.00		WI: 100%		Authorized MD/TVD: 8,450	
CURRENT DEPTH			HOLE SIZE	MUD WEIGHT	LAST CASING		
MD(ft)	TVD(ft)	24 Hr. Progress			SIZE	MD	TVD
					9-5/8(*)	4,366.0(ft)	4,060.0(ft)
							LOT(EMW)
							(ppg)
FORMATION/TARGET NAME				MD TOP (ft)	TVD TOP (ft)	NEXT CASING	
WASATCH						SIZE	MD
MESAVERDE						(*)	(ft)
							TVD
							(ft)
Daily Detail:						Well Costs (\$)	
						AFE	Actual
Daily Cost							
Cumulative Total						1,615,162.00	280,041.00

Operator: DOMINION EXPLORATION & PRODUCTION INC				UWI: 2076°FNL,700°FEL, SEC 33-10S-20E,SE/4 NE/4			
Rig Name:				Final Surface Location:			
Event: COMPLETE		Start Date: 6/13/2007		Spud Dt.: 2/18/2007		Type: COMPLETION	
Supervisor: DUSTIN HENLINE		Engineer: RICHARD HOWELL		AFE No.: 0504732		Authorized Days:	
Active Datum: KB @4,956.0ft (KB ELEVATION)		Ground Elev.: 4,934.00		WI: 100%		Authorized MD/TVD: 8,450	
CURRENT DEPTH			HOLE SIZE	MUD WEIGHT	LAST CASING		
MD(ft)	TVD(ft)	24 Hr. Progress			SIZE	MD	TVD
					9-5/8(*)	4,366.0(ft)	4,060.0(ft)
							LOT(EMW)
							(ppg)
FORMATION/TARGET NAME				MD TOP (ft)	TVD TOP (ft)	NEXT CASING	
WASATCH						SIZE	MD
MESAVERDE						(*)	(ft)
							TVD
							(ft)
Daily Detail: SWAB REPORT, MIRU TRIPLE J SWAB RIG, WLU, FTP 0#, SICP 1750#, START SWAB, FFL 1000', MADE 3 RUNS RECOVERED 10 BBLS, WELL FLOWED, RU FLOWLINE TO PIT. WELL FLOWING UP TBG. TO PIT ON 24/64 CHOKE. FTP 885#, SICP 1268#, RECOVERED 680 BBLS FLUID.						Well Costs (\$)	
						AFE	Actual
Daily Cost							1,814.00
Cumulative Total						1,615,162.00	281,855.00

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 3b. Phone No. (include area code)
 14000 Quail Springs Pkwy, Ste 600, OKC, OK 73134 (405) 749-5237

4. Location of Well (Footage, Sec., T., R., M., or Survey Description)
 SHL - 2076' FNL & 700' FEL, SENE, Sec. 33-10S-20E
 BHL - 1950' FNL & 2000' FEL, SWNE, Sec. 33-10S-20E

5. Lease Serial No. 14-20-H62-4782
 6. If Indian, Allottee or Tribe Name Ute Indian Tribe
 7. If Unit or CA/Agreement, Name and/or No. Hill Creek Unit
 8. Well Name and No. HCU 7-33F
 9. API Well No. 43-047-37447
 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	Drilling Operations
	<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.)

5/31/07 - Ran 102 jts 9-5/8", 36#, J-55, ST&C csg set @ 4366'. Cmt lead w/400 sks Hi Fill V, 10.5 ppg, 4.14 yld. Tail w/450 sks Prem G, 15.6 ppg, 1.2 yld.
 6/4/07 - Ran 188 jts 5-1/2", 17#, N-80, LT&C csg set @ 8132'. Cmt tail w/625 sks HCL Type V, 13.0 ppg, 1.75 yld.
 Rig released.

RECEIVED
JUN 20 2007

DIV. OF OIL, GAS & MINING

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

Name: **Barbara Lester** Title: **Regulatory Specialist**
 Signature: *Barbara Lester* Date: **6/13/2007**

Approved by: _____ Title: _____ Date: _____
 Office: _____
 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.

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.

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

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

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

1. Type of Well

Oil Well Gas Well Other

2. Name of Operator

Dominion Exploration & Production, Inc.

3a. Address

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

3b. Phone No. (include area code)

(405) 749-5237

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

SHL - 2076' FNL & 700' FEL, SENE, Sec. 33-10S-20E
BHL - 1950' FNL & 2000' FEL, SWNE, Sec. 33-10S-20E

5. Lease Serial No.

14-20-H62-4782

6. If Indian, Allottee or Tribe Name

Ute Indian Tribe

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

Hill Creek Unit

8. Well Name and No.

HCU 7-33F

9. API Well No.

43-047-37447

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	Drilling Operations
	<input type="checkbox"/> Change Plans	<input type="checkbox"/> Plug and Abandon	<input type="checkbox"/> Temporarily Abandon		
	<input type="checkbox"/> Convert to Injection	<input type="checkbox"/> Plug Back	<input type="checkbox"/> Water Disposal		

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

6/15/07 - Perf & frac
6/20/07 - Perf & frac

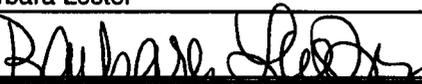
14. I hereby certify that the foregoing is true and correct

Name (Printed/Typed)

Barbara Lester

Title Regulatory Specialist

Signature



Date 6/25/2007

Approved by

Title

Date

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

Office

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

RECEIVED

JUN 28 2007

DIV. OF OIL, GAS & MINING

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

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

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

5. Lease Serial No.
14-20-H62-4782

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

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

8. Well Name and No.
HCU 7-33F

9. API Well No.
43-047-37447

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

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

4. Location of Well (Footage, Sec., T., R., M., or Survey Description)
SHL - 2076' FNL & 700' FEL, SENE, Sec. 33-10S-20E
BHL - 1950' FNL & 2000' FEL, SWNE, Sec. 33-10S-20E

CONFIDENTIAL

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

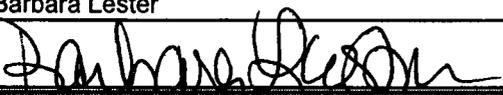
TYPE OF SUBMISSION	TYPE OF ACTION			
<input type="checkbox"/> Notice of Intent	<input type="checkbox"/> Acidize	<input type="checkbox"/> Deepen	<input type="checkbox"/> Production (Start/Resume)	<input type="checkbox"/> Water Shut-Off
<input checked="" type="checkbox"/> Subsequent Report	<input type="checkbox"/> 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	First Sales
	<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.)

6/26/07 - First Sales

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

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

Signature  Date **7/9/2007**

Approved by _____ Title _____ Date _____

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

Office _____

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

RECEIVED
JUL 13 2007
DIV. OF OIL, GAS & MINING

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

FORM 9

5. LEASE DESIGNATION AND SERIAL NUMBER:
U-2820S

SUNDRY NOTICES AND REPORTS ON WELLS

6. IF INDIAN, ALLOTTEE OR TRIBE NAME:
UTE INDIAN TRIBE

7. UNIT or CA AGREEMENT NAME:
HILL CREEK UNIT

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

1. TYPE OF WELL
OIL WELL GAS WELL OTHER _____

8. WELL NAME and NUMBER:
HCU 7-33F

2. NAME OF OPERATOR:
XTO ENERGY INC.

9. API NUMBER:
4304737447

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

PHONE NUMBER:
(505) 333-3100

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

4. LOCATION OF WELL
FOOTAGES AT SURFACE: **2076' FNL & 700' FWL**

COUNTY: **UINTAH**

QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN: **SENE 33 10S 20E S**

STATE: **UTAH**

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

TYPE OF SUBMISSION	TYPE OF ACTION		
<input type="checkbox"/> NOTICE OF INTENT (Submit in Duplicate) Approximate date work will start: _____	<input type="checkbox"/> ACIDIZE	<input type="checkbox"/> DEEPEN	<input type="checkbox"/> REPERFORATE CURRENT FORMATION
	<input type="checkbox"/> ALTER CASING	<input type="checkbox"/> FRACTURE TREAT	<input type="checkbox"/> SIDETRACK TO REPAIR WELL
	<input type="checkbox"/> CASING REPAIR	<input type="checkbox"/> NEW CONSTRUCTION	<input type="checkbox"/> TEMPORARILY ABANDON
	<input type="checkbox"/> CHANGE TO PREVIOUS PLANS	<input type="checkbox"/> OPERATOR CHANGE	<input type="checkbox"/> TUBING REPAIR
	<input type="checkbox"/> CHANGE TUBING	<input type="checkbox"/> PLUG AND ABANDON	<input type="checkbox"/> VENT OR FLARE
<input checked="" type="checkbox"/> SUBSEQUENT REPORT (Submit Original Form Only) Date of work completion: 6/26/2007	<input type="checkbox"/> CHANGE WELL NAME	<input type="checkbox"/> PLUG BACK	<input type="checkbox"/> WATER DISPOSAL
	<input type="checkbox"/> CHANGE WELL STATUS	<input type="checkbox"/> PRODUCTION (START/RESUME)	<input type="checkbox"/> WATER SHUT-OFF
	<input type="checkbox"/> COMMINGLE PRODUCING FORMATIONS	<input type="checkbox"/> RECLAMATION OF WELL SITE	<input checked="" type="checkbox"/> OTHER: <u>ADD'L DATA FOR COMPLETION RPT</u>
	<input type="checkbox"/> CONVERT WELL TYPE	<input type="checkbox"/> RECOMPLETE - DIFFERENT FORMATION	

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

XTO Energy Inc. reports BTU and gravity for this well delivered on 7/31/2007:

BTU: 1085.8
Gravity: .608

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

NAME (PLEASE PRINT) **HOLLY C. PERKINS**

TITLE **REGULATORY COMPLIANCE TECH**

SIGNATURE *Holly C. Perkins*

DATE **11/20/2007**

(This space for State use only)

Division of Oil, Gas and Mining
OPERATOR CHANGE WORKSHEET

ROUTING
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

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

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

OPERATOR CHANGES DOCUMENTATION

Enter date after each listed item is completed

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

DATA ENTRY:

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

BOND VERIFICATION:

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

LEASE INTEREST OWNER NOTIFICATION:

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

COMMENTS:

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

FORM 9

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

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

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

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

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

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

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

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

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

(This space for State use only)

APPROVED 9127107

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

(See Instructions on Reverse Side)

RECEIVED

AUG 06 2007

DIV. OF OIL, GAS & MINING

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

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

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

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

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

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



United States Department of the Interior

BUREAU OF LAND MANAGEMENT

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



IN REPLY REFER TO
3180
UT-922

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

August 10, 2007

Re: Hill Creek Unit
Uintah County, Utah

Gentlemen:

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

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

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

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

Sincerely,

/s/ Greg J. Noble

Greg J. Noble
Acting Chief, Branch of Fluid Minerals

Enclosure

RECEIVED

AUG 16 2007

DIV. OF OIL, GAS & MINING

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

AMENDED REPORT FORM 8
(highlight changes)

WELL COMPLETION OR RECOMPLETION REPORT AND LOG

5. LEASE DESIGNATION AND SERIAL NUMBER:
U-28203

6. IF INDIAN, ALLOTTEE OR TRIBE NAME
UTE INDIAN TRIBE

7. UNIT or CA AGREEMENT NAME
HILL CREEK UNIT

8. WELL NAME and NUMBER:
HCU 7-33F

9. API NUMBER
4304737447

10. FIELD AND POOL, OR WLD/CAT
WSTCH/MVRD

11. QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN:
SENE 33 10S 20E

12. COUNTY
UINTAH

13. STATE
UTAH

1a. TYPE OF WELL
OIL WELL GAS WELL DRY OTHER _____

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

2. NAME OF OPERATOR
XTO Energy Inc.

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

4. LOCATION OF WELL (FOOTAGES)
AT SURFACE 2076' FNL & 700' FEL
AT TOP PRODUCING INTERVAL REPORTED BELOW
AT TOTAL DEPTH 1950' FNL & 2000' FEL
per DKD eng review
2009 fml 2051 fel

14. DATE SPUNDED: 2/18/2007

15. DATE T.D. REACHED: 6/5/2007

16. DATE COMPLETED: 6/26/2007

ABANDONED READY TO PRODUCE

17. ELEVATIONS (DF, RKB, RT, GL):
4934'

18. TOTAL DEPTH MD 8,169 TVD 7853

19. PLUG BACK T.D. MD 7,820 TVD 7504

20. IF MULTIPLE COMPLETIONS, HOW MANY? *

21. DEPTH BRIDGE MD PLUG SET: TVD

22. TYPE ELECTRIC AND OTHER MECHANICAL LOGS RUN (Submit copy of each)
DLL w/SP & GR, FD/CNL w/GR & CAL, CBL

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

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

HOLE SIZE	SIZE/GRADE	WEIGHT (#/ft.)	TOP (MD)	BOTTOM (MD)	STAGE CEMENTER DEPTH	CEMENT TYPE & NO. OF SACKS	SLURRY VOLUME (BBL)	CEMENT TOP **	AMOUNT PULLED
17 1/2"	13 3/4 H40	48#	0	522		G 550	0	SURF	0
12 1/4	9 5/8 J55	36#	0	4,366		G 850	0	SURF	0
7 7/8	5 1/2 N80	17#	0	8,132		V 625	0	SURF	0

25. TUBING RECORD

SIZE	DEPTH SET (MD)	PACKER SET (MD)	SIZE	DEPTH SET (MD)	PACKER SET (MD)	SIZE	DEPTH SET (MD)	PACKER SET (MD)
2 3/8"	7,672							

26. PRODUCING INTERVALS

FORMATION NAME	TOP (MD)	BOTTOM (MD)	TOP (TVD)	BOTTOM (TVD)	INTERVAL (Top/Bot - MD)	SIZE	NO HOLES	PERFORATION STATUS
(A) WASATCH MVRD	4,495	7,688			7,677 7,688	0.34"	66	Open <input checked="" type="checkbox"/> Squeezed <input type="checkbox"/>
(B)					4,495 7,566	0.34	172	Open <input type="checkbox"/> Squeezed <input type="checkbox"/>
(C)								Open <input type="checkbox"/> Squeezed <input type="checkbox"/>
(D)								Open <input type="checkbox"/> Squeezed <input type="checkbox"/>

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

DEPTH INTERVAL	AMOUNT AND TYPE OF MATERIAL
7677' - 7688'	Frac'd w/29,396# 20/40 Ottawa sand, 134,700 Mscf N2 & 12,675 gals 15# X-linked gel & 2% KCl wtr
7518' - 7566'	Frac'd w/99,301# 20/40 Ottawa sand, 367,500 Mscf N2 & 25,558 gals 15# X-linked gel & 2% KCL wt
5658' - 5676'	Frac'd w/48,402# 20/40 Ottawa sand, 155,000 Mscf N2 & 121,936 gals 15# X-linked gel & 2% KCl wt

29. ENCLOSED ATTACHMENTS:

- ELECTRICAL/MECHANICAL LOGS GEOLOGIC REPORT DST REPORT DIRECTIONAL SURVEY
 SUNDRY NOTICE FOR PLUGGING AND CEMENT VERIFICATION CORE ANALYSIS OTHER: _____

30. WELL STATUS:

RECEIVED

OCT 29 2007

DIV. OF OIL, GAS & MINING

31. INITIAL PRODUCTION

INTERVAL A (As shown in item #26)

DATE FIRST PRODUCED: 6/26/2007		TEST DATE: 4/26/07		HOURS TESTED: 24		TEST PRODUCTION RATES: →	OIL - BBL: 5	GAS - MCF: 1,590	WATER - BBL: 0	PROD METHOD: FLOWING
CHOKE SIZE 8/32	TBG PRESS 1,400	CSG PRESS 1,600	API GRAVITY	BTU - GAS	GAS/OIL RATIO	24 HR PRODUCTION RATES: →	OIL - BBL: 5	GAS - MCF: 1,590	WATER - BBL: 0	INTERVAL STATUS: PRODUCING

INTERVAL B (As shown in item #26)

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

INTERVAL C (As shown in item #26)

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

INTERVAL D (As shown in item #26)

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

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

TO BE SOLD

33. SUMMARY OF POROUS ZONES (Include Aquifers):

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

34. FORMATION (Log) MARKERS:

Formation	Top (MD)	Bottom (MD)	Descriptions, Contents, etc.	Name	Top (Measured Depth)
			Frac Continued: 4495' - 4504': Frac'd w/27,786# 20/40 Ottawa sand, 113,600 Mscf N2 and 8669 gals 15# X-linked gel w/2% KCl water	WASATCH TONGUE UTELAND LIMESTONE WASATCH CHAPITA WELLS UTELAND BUTTES MESAVERDE	3,773 4,118 4,263 5,202 6,307 7,098

35. ADDITIONAL REMARKS (Include plugging procedure)

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

NAME (PLEASE PRINT): HOLLY C. PERKINS TITLE: REGULATORY COMPLIANCE TECH
 SIGNATURE: *Holly C. Perkins* DATE: 10/24/2007

This report must be submitted within 30 days of

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

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

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

Send to: Utah Division of Oil, Gas and Mining
 1594 West North Temple, Suite 1210
 Box 145801
 Salt Lake City, Utah 84114-5801

Phone: 801-538-5340
 Fax: 801-359-3940

DIRECTIONAL SURVEY REPORT

DOMINION EXPLORATION & PRODUCTION

HCU # 7 – 33F

UINTAH COUNTY, UT

PREPARED BY: Bret Wolford

RECEIVED

FEB 08 2008

DEPARTMENT OF

February 7, 2008

**Dominion Exploration & Production
14000 Quail Springs Pkwy
Oklahoma City OK 73134**

Attn: Richard Howell

**RE: Dominion Exploration & Production
HCU # 7 – 33F
Uintah Co., UT
RIG: Frontier # 6
FILENAME: 101006432-WY-WY**

Dear Sir:

We hereby certify that the enclosed Original Field Survey Data contained in this report represents to the best of our knowledge, a true and accurate survey of the well at the time the survey was ran.

SURVEY DATA

- 1 - Original survey report and plot**
- 2 - Survey report copies and plots**

We appreciate the opportunity to work with you and we look forward to your business support. If you have any questions, I can be reached at (307) 265-3145.

Sincerely,

**Bret Wolford
Operations Coordinator
PathFinder Energy Services**

DIRECTIONAL SURVEY COMPANY REPORT:

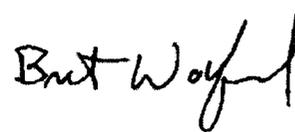
1. NAME OF SURVEYING COMPANY: PATHFINDER ENERGY SERVICES
2. NAME OF PERSON(S) PERFORMING SURVEY:
 - A. Mike Hansen
 - B. Bernard Huber
3. POSITION OF SAID PERSON(S): (A, & B) SURVEYORS FIELD ENGINEER(s).
4. DATE(S) ON WHICH SURVEY WAS PERFORMED: 05/22/2007 TO 05/31/2007
5. STATE IN WHICH SURVEY WAS PERFORMED: ONSHORE, UTAH
6. LOCATION OF WELL: UINTAH CO., UT
7. TYPE OF SURVEY(S) PERFORMED: MWD
8. COMPLETE IDENTIFICATION OF WELL:

Dominion Exploration & Production

HCU # 7 – 33F

Uintah Co., UT

RIG: Frontier # 6
9. SURVEY CERTIFIED FROM: 604 TO 4321 FEET MEASURED DEPTH.
10. THIS IS TO VERIFY THAT ATTACHED DOCUMENTS SHOWING THE WELL TO BE DISPLACED AT 1353.22 FEET ON A BEARING OF 273.06 DEGREES FROM THE CENTER OF THE ROTARY TABLE AT PROJECTED MEASURED DEPTH OF 4377 FEET ARE TRUE AND CORRECT TO THE BEST OF MY KNOWLEDGE.



BRET WOLFORD
OPERATIONS COORDINATOR

Survey Report

*Calculated using the Minimum Curvature Method
 Computed using PDS VER2.2.6
 Vertical Section Plane: 274.70 deg.*

Survey Reference: WELLHEAD
 Vertical Section Reference: WELLHEAD
 Closure Reference: WELLHEAD
 TVD Reference: WELLHEAD

DOMINION EXPL. & PROD.
 HCU 7-33F
 UNITAH CO., UT
 RIG: FRONTIER 6

DECL: 11.64 EAST TO TRUE
 KBH: 22' TO GROUND LEVEL

PES OFFICE SUPERVISOR:
 RICH ARNOLD
 PES FIELD ENGINEERS:
 MIKE HANSEN/BERNARD HUBER
 PES DIRECTIONAL DRILLERS:
 AARON CARLSON/GEORGE HALL

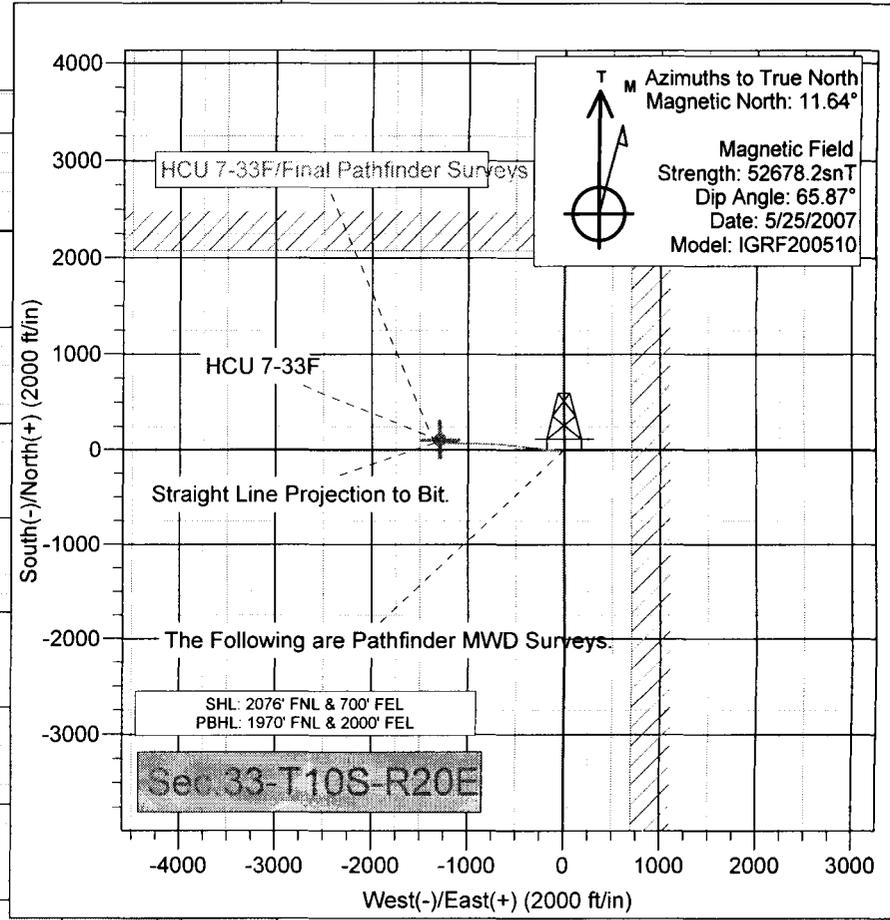
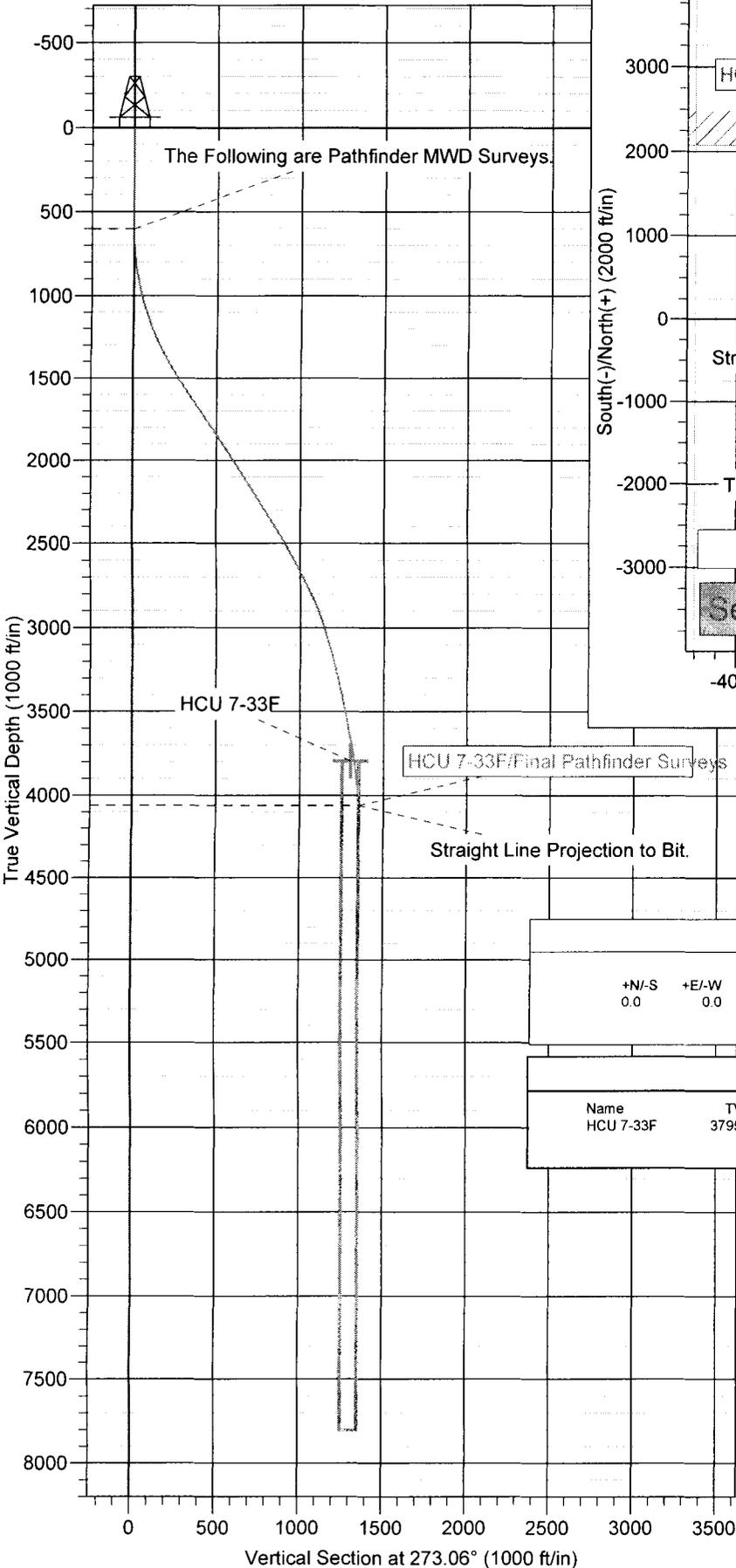
Measured Depth (ft)	Incl (deg.)	Drift Dir. (deg.)	TVD (ft)	Course Length (ft)	Vertical Section (ft)	T O T A L		Closure		DLS (dg/100ft)
						Rectangular (ft)	Offsets (ft)	Dist. (ft)	Dir. (deg.)	
TIE INTO SURFACE										
0.00	0.00	0.00	0.00	0.00	0.00	0.00 N	0.00 E	0.00@	0.00	0.00
THE FOLLOWING ARE PATHFINDER MWD SURVEYS										
604.00	0.44	222.14	603.99	604.00	1.41	1.72 S	1.56W	2.32@	222.14	0.07
634.00	0.88	238.66	633.99	30.00	1.67	1.92 S	1.83W	2.66@	223.55	1.58
665.00	1.85	247.80	664.98	31.00	2.30	2.24 S	2.50W	3.35@	228.13	3.20
696.00	3.17	251.67	695.95	31.00	3.54	2.70 S	3.77W	4.64@	234.45	4.29
727.00	4.57	249.82	726.88	31.00	5.45	3.39 S	5.75W	6.67@	239.45	4.53
757.00	5.72	250.00	756.76	30.00	7.89	4.32 S	8.27W	9.33@	242.45	3.83
788.00	6.86	252.81	787.57	31.00	11.01	5.39 S	11.49W	12.70@	244.87	3.81
819.00	8.27	256.50	818.30	31.00	14.85	6.46 S	15.43W	16.73@	247.29	4.81
850.00	9.32	258.08	848.94	31.00	19.37	7.50 S	20.05W	21.41@	249.50	3.48
880.00	10.38	258.00	878.49	30.00	24.29	8.56 S	25.08W	26.50@	251.15	3.53
911.00	11.26	258.61	908.94	31.00	29.87	9.74 S	30.77W	32.28@	252.44	2.86
942.00	12.40	260.20	939.28	31.00	36.00	10.90 S	37.02W	38.59@	253.59	3.82
973.00	13.54	262.57	969.49	31.00	42.77	11.94 S	43.90W	45.49@	254.78	4.06
1004.00	14.60	266.17	999.56	31.00	50.19	12.67 S	51.40W	52.94@	256.15	4.43
1036.00	15.48	270.30	1030.47	32.00	58.43	12.92 S	59.69W	61.07@	257.79	4.33
1068.00	16.18	274.26	1061.26	32.00	67.15	12.56 S	68.41W	69.55@	259.59	4.02
1100.00	17.32	276.72	1091.90	32.00	76.37	11.68 S	77.59W	78.46@	261.44	4.19
1132.00	18.55	277.24	1122.34	32.00	86.21	10.48 S	87.37W	87.99@	263.16	3.88
1163.00	19.87	278.04	1151.61	31.00	96.40	9.12 S	97.47W	97.90@	264.66	4.34
1195.00	21.02	278.21	1181.60	32.00	107.56	7.54 S	108.54W	108.80@	266.03	3.60
1227.00	22.34	277.33	1211.33	32.00	119.36	5.94 S	120.25W	120.40@	267.17	4.25
1259.00	23.30	276.10	1240.83	32.00	131.76	4.49 S	132.58W	132.65@	268.06	3.35
1291.00	24.45	275.49	1270.09	32.00	144.71	3.19 S	145.46W	145.50@	268.74	3.68

Survey Report

Measured Depth (ft)	Incl (deg.)	Drift Dir. (deg.)	TVD (ft)	Course Length (ft)	Vertical Section (ft)	T O T A L		Closure		DLS (dg/100ft)
						Rectangular (ft)	Offsets (ft)	Dist. (ft)	Dir. (deg.)	
1322.00	25.68	274.87	1298.17	31.00	157.85	2.00 S	158.54W	158.56@269.28	4.06	
1354.00	27.00	274.35	1326.85	32.00	172.04	0.86 S	172.69W	172.70@269.71	4.19	
1386.00	28.14	274.26	1355.21	32.00	186.85	0.25 N	187.46W	187.46@270.08	3.56	
1418.00	28.84	275.31	1383.34	32.00	202.12	1.52 N	202.67W	202.68@270.43	2.69	
1450.00	29.72	276.37	1411.25	32.00	217.76	3.12 N	218.24W	218.26@270.82	3.19	
1481.00	30.60	277.51	1438.05	31.00	233.33	5.00 N	233.70W	233.76@271.23	3.39	
1577.00	32.45	276.98	1519.88	96.00	283.47	11.32 N	283.49W	283.72@272.29	1.95	
1672.00	33.68	277.60	1599.50	95.00	335.25	17.91 N	334.90W	335.38@273.06	1.34	
1768.00	33.85	277.77	1679.30	96.00	388.53	25.04 N	387.78W	388.59@273.69	0.20	
1863.00	34.56	276.98	1757.87	95.00	441.87	31.89 N	440.74W	441.90@274.14	0.88	
1958.00	34.03	276.54	1836.35	95.00	495.37	38.19 N	493.90W	495.37@274.42	0.62	
2054.00	32.45	276.86	1916.64	96.00	547.96	44.33 N	546.16W	547.96@274.64	1.66	
2149.00	31.92	275.84	1997.05	95.00	598.53	49.93 N	596.45W	598.54@274.79	0.80	
2276.00	31.57	274.61	2105.05	127.00	665.35	56.02 N	662.99W	665.35@274.83	0.58	
2371.00	32.01	273.91	2185.80	95.00	715.39	59.73 N	712.90W	715.39@274.79	0.60	
2466.00	32.36	273.11	2266.20	95.00	765.98	62.83 N	763.40W	765.98@274.71	0.58	
2561.00	32.54	271.09	2346.37	95.00	816.90	64.70 N	814.33W	816.90@274.54	1.16	
2657.00	30.69	271.97	2428.12	96.00	867.14	66.03 N	864.64W	867.16@274.37	1.99	
2721.00	30.25	271.53	2483.28	64.00	899.55	67.02 N	897.08W	899.58@274.27	0.77	
2784.00	29.11	270.92	2538.01	63.00	930.69	67.69 N	928.26W	930.73@274.17	1.87	
2848.00	27.87	270.39	2594.26	64.00	961.14	68.04 N	958.79W	961.20@274.06	1.98	
2910.00	27.17	270.13	2649.24	62.00	989.70	68.17 N	987.44W	989.79@273.95	1.15	
2974.00	26.56	271.01	2706.34	64.00	1018.55	68.46 N	1016.35W	1018.66@273.85	1.14	
3038.00	25.94	270.83	2763.74	64.00	1046.79	68.91 N	1044.66W	1046.93@273.77	0.98	
3102.00	24.71	270.65	2821.59	64.00	1074.10	69.27 N	1072.03W	1074.27@273.70	1.93	
3165.00	22.51	272.06	2879.31	63.00	1099.29	69.85 N	1097.25W	1099.47@273.64	3.61	
3229.00	20.14	272.50	2938.92	64.00	1122.54	70.77 N	1120.51W	1122.74@273.61	3.71	
3293.00	18.11	273.55	2999.39	64.00	1143.49	71.87 N	1141.44W	1143.70@273.60	3.22	
3357.00	16.97	273.55	3060.41	64.00	1162.78	73.06 N	1160.69W	1162.99@273.60	1.78	
3420.00	15.92	273.91	3120.83	63.00	1180.61	74.22 N	1178.49W	1180.83@273.60	1.67	
3484.00	14.68	274.79	3182.56	64.00	1197.50	75.50 N	1195.33W	1197.71@273.61	1.97	
3548.00	14.16	272.94	3244.55	64.00	1213.43	76.58 N	1211.23W	1213.65@273.62	1.09	
3611.00	13.37	271.88	3305.74	63.00	1228.41	77.21 N	1226.21W	1228.63@273.60	1.32	
3643.00	13.10	271.71	3336.89	32.00	1235.73	77.44 N	1233.53W	1235.96@273.59	0.85	
3675.00	12.31	272.41	3368.10	32.00	1242.76	77.69 N	1240.56W	1242.99@273.58	2.52	
3739.00	11.08	272.50	3430.77	64.00	1255.72	78.25 N	1253.52W	1255.96@273.57	1.92	
3802.00	11.17	271.97	3492.59	63.00	1267.86	78.72 N	1265.67W	1268.11@273.56	0.22	
3834.00	11.34	271.01	3523.97	32.00	1274.10	78.88 N	1271.91W	1274.36@273.55	0.79	
3865.00	11.26	269.07	3554.37	31.00	1280.15	78.89 N	1277.98W	1280.42@273.53	1.25	
3897.00	11.26	268.90	3585.76	32.00	1286.37	78.78 N	1284.23W	1286.65@273.51	0.10	
3929.00	10.90	268.11	3617.16	32.00	1292.48	78.62 N	1290.38W	1292.77@273.49	1.22	
3961.00	10.82	266.17	3648.59	32.00	1298.46	78.32 N	1296.40W	1298.76@273.46	1.17	
3993.00	10.90	266.35	3680.02	32.00	1304.42	77.92 N	1302.42W	1304.75@273.42	0.27	
4024.00	10.64	265.38	3710.47	31.00	1310.15	77.51 N	1308.19W	1310.49@273.39	1.02	
4056.00	9.76	263.97	3741.96	32.00	1315.73	76.98 N	1313.84W	1316.09@273.35	2.86	

Survey Report

Measured Depth (ft)	Incl (deg.)	Drift Dir. (deg.)	TVD (ft)	Course Length (ft)	Vertical Section (ft)	TOTAL		Closure		DLS (dg/100ft)
						Rectangular (ft)	Offsets (ft)	Dist. (ft)	Dir. (deg.)	
4088.00	9.23	264.24	3773.52	32.00	1320.92	76.44 N	1319.09W	1321.30@273.32		1.66
4120.00	8.35	262.92	3805.15	32.00	1325.71	75.90 N	1323.95W	1326.12@273.28		2.82
4151.00	7.47	261.51	3835.85	31.00	1329.88	75.32 N	1328.17W	1330.31@273.25		2.91
4183.00	7.03	261.16	3867.60	32.00	1333.81	74.71 N	1332.17W	1334.26@273.21		1.38
4215.00	6.42	262.32	3899.38	32.00	1337.46	74.17 N	1335.87W	1337.93@273.18		1.95
4247.00	5.98	260.99	3931.19	32.00	1340.83	73.67 N	1339.29W	1341.32@273.15		1.45
4279.00	5.54	262.83	3963.03	32.00	1343.96	73.22 N	1342.47W	1344.47@273.12		1.49
4310.00	5.19	263.89	3993.89	31.00	1346.80	72.88 N	1345.35W	1347.32@273.10		1.17
4321.00	5.10	264.15	4004.85	11.00	1347.77	72.78 N	1346.33W	1348.30@273.09		0.85
STRAIGHT LINE SENSOR TO BIT										
4377.00	5.10	264.15	4060.63	56.00	1352.66	72.27 N	1351.28W	1353.22@273.06		0.00



WELL DETAILS: HCU 7-33F						
+N/-S	+E/-W	Northing	Ground Level: 4935.0	Latitude	Longitude	Slot
0.0	0.0	7139566.86	2155709.92	39° 54' 19.530 N	109° 39' 46.640 W	

WELLBORE TARGET DETAILS (LAT/LONG)						
Name	TVD	+N/-S	+E/-W	Latitude	Longitude	Shape
HCU 7-33F	3795.0	106.8	-1298.4	39° 54' 20.585 N	109° 40' 3.303 W	Circle (Radius: 50.0)

ANNOTATIONS		
TVD	MD	Annotation
604.0	604.0	The Following are Pathfinder MWD Surveys
4060.6	4377.0	Straight Line Projection to Bit.

STATE OF UTAH DEPARTMENT OF NATURAL RESOURCES DIVISION OF OIL, GAS, AND MINING		FORM 9
SUNDRY NOTICES AND REPORTS ON WELLS		5. LEASE DESIGNATION AND SERIAL NUMBER: 14-20-H62-4782
Do not use this form for proposals to drill new wells, significantly deepen existing wells below current bottom-hole depth, reenter plugged wells, or to drill horizontal laterals. Use APPLICATION FOR PERMIT TO DRILL form for such proposals.		6. IF INDIAN, ALLOTTEE OR TRIBE NAME: UTE
		7. UNIT or CA AGREEMENT NAME: HILL CREEK
1. TYPE OF WELL Oil Well	8. WELL NAME and NUMBER: HCU 7-33F	
2. NAME OF OPERATOR: XTO ENERGY INC	9. API NUMBER: 43047374470000	
3. ADDRESS OF OPERATOR: PO Box 6501 , Englewood, CO, 80155	PHONE NUMBER: 303 397-3727 Ext	9. FIELD and POOL or WILDCAT: NATURAL BUTTES
4. LOCATION OF WELL FOOTAGES AT SURFACE: 2076 FNL 0700 FEL QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN: Qtr/Qtr: SENE Section: 33 Township: 10.0S Range: 20.0E Meridian: S	COUNTY: UINTAH	
	STATE: UTAH	
11. CHECK APPROPRIATE BOXES TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA		
TYPE OF SUBMISSION	TYPE OF ACTION	
<input type="checkbox"/> NOTICE OF INTENT Approximate date work will start: <input checked="" type="checkbox"/> SUBSEQUENT REPORT Date of Work Completion: 11/4/2013 <input type="checkbox"/> SPUD REPORT Date of Spud: <input type="checkbox"/> DRILLING REPORT Report Date:	<input checked="" type="checkbox"/> ACIDIZE <input type="checkbox"/> CHANGE TO PREVIOUS PLANS <input type="checkbox"/> CHANGE WELL STATUS <input type="checkbox"/> DEEPEN <input type="checkbox"/> OPERATOR CHANGE <input type="checkbox"/> PRODUCTION START OR RESUME <input type="checkbox"/> REPERFORATE CURRENT FORMATION <input type="checkbox"/> TUBING REPAIR <input type="checkbox"/> WATER SHUTOFF <input type="checkbox"/> WILDCAT WELL DETERMINATION <input type="checkbox"/> ALTER CASING <input type="checkbox"/> CHANGE TUBING <input type="checkbox"/> COMMINGLE PRODUCING FORMATIONS <input type="checkbox"/> FRACTURE TREAT <input type="checkbox"/> PLUG AND ABANDON <input type="checkbox"/> RECLAMATION OF WELL SITE <input type="checkbox"/> SIDETRACK TO REPAIR WELL <input type="checkbox"/> VENT OR FLARE <input type="checkbox"/> SI TA STATUS EXTENSION <input type="checkbox"/> OTHER	
	<input type="checkbox"/> CASING REPAIR <input type="checkbox"/> CHANGE WELL NAME <input type="checkbox"/> CONVERT WELL TYPE <input type="checkbox"/> NEW CONSTRUCTION <input type="checkbox"/> PLUG BACK <input type="checkbox"/> RECOMPLETE DIFFERENT FORMATION <input type="checkbox"/> TEMPORARY ABANDON <input type="checkbox"/> WATER DISPOSAL <input type="checkbox"/> APD EXTENSION OTHER: <input style="width: 100px;" type="text"/>	
12. DESCRIBE PROPOSED OR COMPLETED OPERATIONS. Clearly show all pertinent details including dates, depths, volumes, etc.		
XTO Energy Inc. performed an acid treatment on this well per the attached summary report.		
Accepted by the Utah Division of Oil, Gas and Mining FOR RECORD ONLY November 25, 2013		
NAME (PLEASE PRINT) Barbara Nicol	PHONE NUMBER 303-397-3736	TITLE Regulatory Compliance Tech
SIGNATURE N/A	DATE 11/21/2013	

Hill Creek Unit 07-33F

10/11/2013: MIRU SLU. RU fishing t/s & RIH. Tgd @ SN. POH. Rec PCS dual pad plngr. RIH w/ fishing t/s & RIH. Tgd @ SN. POH. Rec PCS BHBS w/SV. RIH w/ broach. Tgd @ SN. POH. No ti spts. RIH w/ BB. Tgd @ 7,777' (43' fill). POH. Left plngr equip out. RDMO SLU.

10/30/2013: MIRU acid crew. NU to tbg. Pmp 250 gal 15% HCL ac w/adds & 22 bbls TFW. ND fr tbg. NU to csg. Pmp 500 gal 15% HCL ac w/adds & 108 bbls TFW. ND fr csg. SWIFPBU. RDMO acid crew.

10/31/2013: MIRU SWU. BD tbg to prod tk. RU swb t/s & RIH. Swab. SWI & SDFN.

11/1/2013: RU swb t/s & RIH. Swab Dropd new PCS BHBS w/SV. Dropd new PCS dual pad plngr & SWI for 55". Cycld plngr to surf. Well logged off after 1 run. SWI & SDFWE.

11/4/2013: RU JDC fishing t/s & RIH. Tgd @ SN. POH. Rec PCS dual pad plngr. RU swb t/s & RIH. Swab. Well KO flwg. Dropd same PCS dual pad plngr & SWI for 55". Cycld plngr to surf & RWTP RDMO SWU.

=====Hill Creek Unit 07-33F=====