



300 E. Mineral Ave., Suite 10
Littleton, CO 80122-2631
303/781-8211 303/781-1167 Fax

August 2, 2004

Mrs. Diana Whitney
State of Utah
Division of Oil Gas and Mining
P.O. Box 145801
Salt Lake City, Utah 84114-5801

RE: Application for Permit to Drill—Dominion Exploration & Production, Inc.
HCU 13-32F, *Surface Location:* 740' FSL, 2,231' FWL, SE/4 SW/4,
Target Location: 800' FSL, 600' FWL, SW/4 SW/4,
Section 32, T10S, R20E, SLB&M, Uintah County, Utah

Dear Mrs. Whitney:

On behalf of Dominion Exploration & Production, Inc. (Dominion), Buys & Associates, Inc. respectfully submits the enclosed original and one copy of the *Application for Permit to Drill (APD)* for the above referenced 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: Fluid Mineral Group, BLM—Vernal Field Office
Amanda Mart, Bureau of Indian Affairs
Carla Christian, Dominion
Marty Buys, Buys & Associates, Inc.

RECEIVED

AUG 04 2004

DIV. OF OIL, GAS & MINING

ORIGINAL

CONFIDENTIAL

001

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

FORM 3

AMENDED REPORT
(highlight changes)

APPLICATION FOR PERMIT TO DRILL			5. MINERAL LEASE NO: ML-22313-2	6. SURFACE: Indian
1A. TYPE OF WORK: DRILL <input checked="" type="checkbox"/> REENTER <input type="checkbox"/> DEEPEN <input type="checkbox"/>			7. IF INDIAN, ALLOTTEE OR TRIBE NAME: Ute Indian Tribe	
B. TYPE OF WELL: OIL <input type="checkbox"/> GAS <input checked="" type="checkbox"/> OTHER _____ SINGLE ZONE <input checked="" type="checkbox"/> MULTIPLE ZONE <input type="checkbox"/>			8. UNIT or CA AGREEMENT NAME: undesignated	
2. NAME OF OPERATOR: Dominion Exploration & Production, Inc.			9. WELL NAME and NUMBER: HCU 13-32F	
3. ADDRESS OF OPERATOR: 14000 Quail Sp Pkwy CITY Oklahoma City STATE OK ZIP 73134			PHONE NUMBER: (405) 749-5263	10. FIELD AND POOL, OR WILDCAT: Natural Buttes
4. LOCATION OF WELL (FOOTAGES) AT SURFACE: 740' FSL, 2,231' FWL AT PROPOSED PRODUCING ZONE: 800' FSL, 600' FWL			11. QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN: 32 10 20 S	
14. DISTANCE IN MILES AND DIRECTION FROM NEAREST TOWN OR POST OFFICE: 13.14 miles south of Ouray, Utah			12. COUNTY: Uintah	13. STATE: UTAH
15. DISTANCE TO NEAREST PROPERTY OR LEASE LINE (FEET) 740'	16. NUMBER OF ACRES IN LEASE: 640		17. NUMBER OF ACRES ASSIGNED TO THIS WELL: 40	
18. DISTANCE TO NEAREST WELL (DRILLING, COMPLETED, OR APPLIED FOR) ON THIS LEASE (FEET) 25'	19. PROPOSED DEPTH: 8,345' 7,900'		20. BOND DESCRIPTION: SITLA Blanket 76S 63050 361	
21. ELEVATIONS (SHOW WHETHER DF, RT, GR, ETC.): 5007	22. APPROXIMATE DATE WORK WILL START: 3/1/2005		23. ESTIMATED DURATION: 14 days	

PROPOSED CASING AND CEMENTING PROGRAM

SIZE OF HOLE	CASING SIZE, GRADE, AND WEIGHT PER FOOT	SETTING DEPTH	CEMENT TYPE, QUANTITY, YIELD, AND SLURRY WEIGHT
17-1/2"	13-3/8" H-40 ST 48#	500	Class C + 2% CaCl 450 sacks
12-1/4"	8-5/8" J-55 LT 36#	2,800	see Drilling Plan 300/390
7-7/8"	5-1/2" Mav 80 L 17#	7,900	see Drilling Plan 90/600

ATTACHMENTS

25. VERIFY THE FOLLOWING ARE ATTACHED IN ACCORDANCE WITH THE UTAH OIL AND GAS CONSERVATION GENERAL RULES:

<input checked="" type="checkbox"/> WELL PLAT OR MAP PREPARED BY LICENSED SURVEYOR OR ENGINEER	<input checked="" type="checkbox"/> COMPLETE DRILLING PLAN
<input type="checkbox"/> EVIDENCE OF DIVISION OF WATER RIGHTS APPROVAL FOR USE OF WATER	<input type="checkbox"/> FORM 5, IF OPERATOR IS PERSON OR COMPANY OTHER THAN THE LEASE OWNER

NAME (PLEASE PRINT) Don Hamilton TITLE Agent for Dominion Exploration & Production, Inc.

SIGNATURE Don Hamilton DATE 8/2/2004

(This space for State use only)

API NUMBER ASSIGNED: 43-047-35870

Approved by the
Utah Division of
Oil, Gas and Mining

APPROVAL:
Date: 08-26-04
By: [Signature]

AUG 04 2004

DIV. OF OIL, GAS & MINING
ORIGINAL
CONFIDENTIAL

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

DOMINION EXPLR. & PROD., INC.

Well location, HCU #13-32F, located as shown in the SE 1/4 SW 1/4 of Section 32, T10S, R20E, S.L.B.&M. Uintah County Utah.

1928 Brass Cap,
0.5' High, Pile
of Stones

S89°40'06"W 2650.86' (Meas.)

N89°38'04"E - 2650.35' (Meas.)

1928 Brass Cap,
Pile of Stones

1928 Brass Cap
0.4' High, Pile
of Stones

N00°14'18"E 2642.90' (Meas.)

S03°32'29"W - 2658.47' (Meas.)

NOTE:
THE PROPOSED BOTTOM HOLE FOR THIS WELL
IS LOCATED IN THE SW 1/4 SW 1/4 OF SECTION
32, T10S, R20E, S.L.B.&M. AT A DISTANCE OF
800' FSL 600' FWL. IT BEARS N88°24'36"W
1631.06' FROM THE PROPOSED WELL HEAD.

32

1928 Brass Cap
0.4' High, Large
Pile of Stones

1928 Brass Cap,
Pile of Stones

N00°14'51"E - 2648.63' (Meas.)

S03°33'12"W - 2654.00' (Meas.)

Bottom Hole

HCU #13-32F

Elev. Ungraded Ground = 5007'

2231'

740'

1928 Brass Cap,
Pile of Stones

1928 Brass Cap, S89°28'56"W - 2486.86' (Meas.)
Pile of Stones

N89°58'36"W - 2508.09' (Meas.)

1928 Brass Cap,
Pile of Stones

BASIS OF ELEVATION

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



SCALE

CERTIFICATE AND SURVEY

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

ROBERT
REGISTERED LAND SURVEYOR
REGISTRATION NO. 100019
STATE OF UTAH

BASIS OF BEARINGS

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

(NAD 83)

LATITUDE = 39°53'54.33" (39.898425)

LONGITUDE = 109°41'24.18" (109.690050)

LEGEND:

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

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

SCALE 1" = 1000'	DATE SURVEYED: 5-20-04	DATE DRAWN: 6-23-04
PARTY B.B. T.H. C.G.	REFERENCES G.L.O. PLAT	
WEATHER WARM	FILE DOMINION EXPLR. & PROD., INC.	

DRILLING PLAN
APPROVAL OF OPERATIONS

Attachment for Permit to Drill

Name of Operator: Dominion Exploration & Production
Address: 14000 Quail Springs Parkway, Suite 600
Oklahoma City, OK 73134
Well Location: HCU 13-32F
SHL: 740' FSL & 2231' FWL Section 32-10S-20E
BHL: 800' FSL & 600' FWL Section 32-10S-20E
Uintah County, UT

1. GEOLOGIC SURFACE FORMATION Uintah

2. ESTIMATED DEPTHS OF IMPORTANT GEOLOGIC MARKERS

<u>Formation</u>	<u>Depth</u>
Wasatch Tongue	3,455'
Uteland Limestone	3,807'
Wasatch	3,950'
Chapita Wells	4,852'
Uteland Buttes	6,065'
Mesaverde	6,875'

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

<u>Formation</u>	<u>Depth</u>	<u>Type</u>
Wasatch Tongue	3,455'	Oil
Uteland Limestone	3,807'	Oil
Wasatch	3,950'	Gas
Chapita Wells	4,852'	Gas
Uteland Buttes	6,065'	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'	7,900'	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.

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 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' – 7,900'	8.6	Fresh water/2% KCL/KCL mud system

7. BLOOIE LINE

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

8. AUXILIARY EQUIPMENT TO BE USED

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

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

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

10. ANTICIPATED ABNORMAL PRESSURES OR TEMPERATURES EXPECTED

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

11. WATER SUPPLY

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

DRILLING PLAN

APPROVAL OF OPERATIONS

12. CEMENT SYSTEMS

a. Surface Cement:

Drill 17-1/2" hole to 500' and cement 13-3/8" to surface with 450 sks class "C" cement with 2% 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.

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

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

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

c. Production Casing Cement:

- Drill 7-7/8" hole to 7,900'±, run and cement 5 1/2".
- Cement interface is at 3,700', which is typically 500'-1,000' above shallowest pay.
- Pump 20 bbl Mud Clean II unweighted spacer, followed by 20 Bbls fresh H2O spacer.
- Displace with 3% KCL.

<u>Type</u>	<u>Sacks</u>	<u>Interval</u>	<u>Density</u>	<u>Yield</u>	<u>Hole Volume</u>	<u>Cement Volume</u>	<u>Excess</u>
Lead	90	3,700'-4,500'	11.5 ppg	3.12 CFS	139 CF	277 CF	100%
Tail	600	4,500'-7,900'	13.0 ppg	1.75 CFS	525 CF	1050 CF	100%

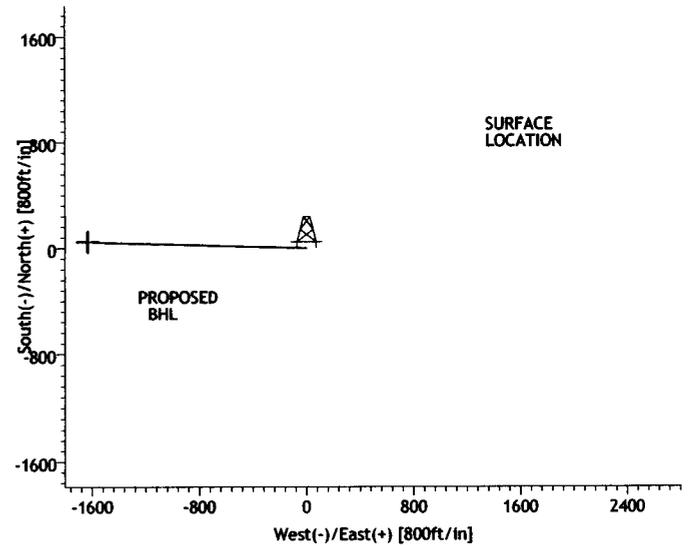
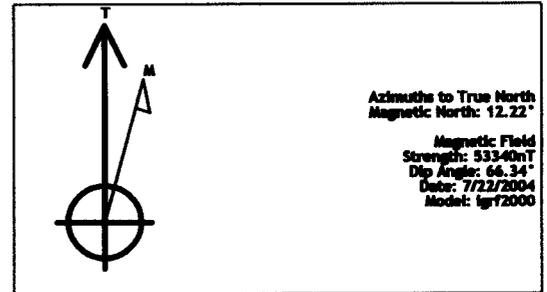
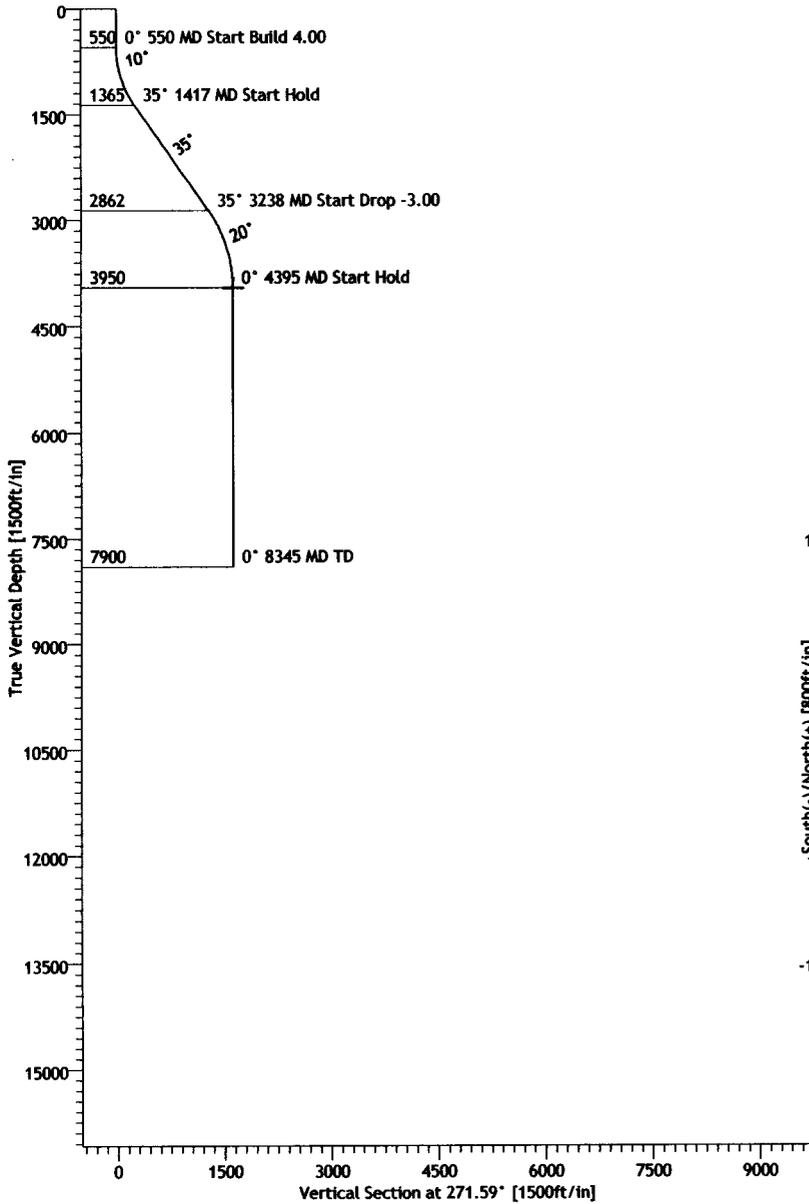
Note: Caliper will be run to determine exact cement volume.

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, 2005
Duration: 14 Days



SECTION DETAILS

Sec	MD	Inc	Azi	TVD	+N/-S	+E/-W	DLeg	TFace	VSec	Target
1	0.00	0.00	271.59	0.00	0.00	0.00	0.00	0.00	0.00	
2	550.00	0.00	271.59	550.00	0.00	0.00	0.00	0.00	0.00	
3	1417.50	34.70	271.59	1365.43	7.07	-254.66	4.00	271.59	254.76	
4	3238.43	34.70	271.59	2862.50	35.83	-1290.88	0.00	0.00	1291.38	
5	4395.10	0.00	271.59	3949.74	45.26	-1630.43	3.00	180.00	1631.06	
6	4395.35	0.00	271.59	3950.00	45.26	-1630.43	0.00	0.00	1631.06	TGT9
7	8345.35	0.00	271.59	7900.00	45.26	-1630.43	0.00	271.59	1631.06	

Ryan Energy Planning Report

Company: DOMINION	Date: 7/22/2004	Time: 10:00:59	Page: 1
Field: UTAH	Co-ordinate(NE) Reference: Site: UINTAH COUNTY, True North		
Site: UINTAH COUNTY	Vertical (TVD) Reference: SITE 0.0		
Well: HCU 13-32F	Section (VS) Reference: Well (0.00N,0.00E,271.59Azi)		
Wellpath: ORIGINALHOLE	Plan: PLANNED WELL		

Field: UTAH		
Map System: US State Plane Coordinate System 1983	Map Zone:	Utah, Central Zone
Geo Datum: GRS 1980	Coordinate System:	Site Centre
Sys Datum: Mean Sea Level	Geomagnetic Model:	igrf2000

Site: UINTAH COUNTY			
Site Position:	Northing:	7266643.10 ft	Latitude: 40 14 58.000 N
From: Geographic	Easting:	2233340.22 ft	Longitude: 109 22 32.000 W
Position Uncertainty:		0.00 ft	North Reference: True
Ground Level:		0.00 ft	Grid Convergence: 1.36 deg

Well: HCU 13-32F				Slot Name:			
Well Position:	+N/-S	0.00 ft	Northing:	7266643.10 ft	Latitude:	40 14 58.000 N	
	+E/-W	0.00 ft	Easting:	2233340.22 ft	Longitude:	109 22 32.000 W	
Position Uncertainty:		0.00 ft					

Wellpath: ORIGINALHOLE				Drilled From: Surface			
Current Datum: SITE		Height	0.00 ft	Tie-on Depth:	0.00 ft		
Magnetic Data:	7/22/2004			Above System Datum:	Mean Sea Level		
Field Strength:	53340 nT			Declination:	12.22 deg		
Vertical Section:	Depth From (TVD)	+N/-S	ft	Mag Dip Angle:	66.34 deg		
	ft	ft		+E/-W	ft	Direction	deg
	0.00	0.00			0.00	271.59	

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	271.59	0.00	0.00	0.00	0.00	0.00	0.00	0.00	
550.00	0.00	271.59	550.00	0.00	0.00	0.00	0.00	0.00	0.00	
1417.50	34.70	271.59	1365.43	7.07	-254.66	4.00	4.00	0.00	271.59	
3238.43	34.70	271.59	2862.50	35.83	-1290.88	0.00	0.00	0.00	0.00	
4395.10	0.00	271.59	3949.74	45.26	-1630.43	3.00	-3.00	0.00	180.00	
4395.35	0.00	271.59	3950.00	45.26	-1630.43	0.00	0.00	0.00	0.00	TGT9
8345.35	0.00	271.59	7900.00	45.26	-1630.43	0.00	0.00	0.00	271.59	

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 13-32F
SHL: 740' FSL & 2231' FWL Section 32-10S-20E
BHL: 800' FSL & 600' FWL Section 32-10S-20E
Uintah County, UT

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

The onsite inspection for the referenced well is pending

1. Existing Roads:

- a. The proposed well site is located approximately 13.14 miles south of Ouray, UT.
- b. Directions to the proposed well site have been attached at the end of Exhibit B.
- c. The use of roads under State and County Road Department maintenance are necessary to access the Hill Creek Unit. However, an encroachment permit is not anticipated since no upgrades to the State or County Road system are proposed at this time.
- d. All existing roads will be maintained and kept in good repair during all phases of operation.
- e. Vehicle operators will obey posted speed restrictions and observe safe speeds commensurate with road and weather conditions.
- f. Since no improvements are anticipated to the State, County, Tribal or BLM access roads no topsoil striping will occur.
- g. An off-lease federal Right-of-Way is not anticipated for the access road or utility corridor since both are located within the existing federal unit boundary.

2. Planned Access Roads:

- a. From the existing Hill Creek road that presently traverses the project area an access reroute is proposed and a new access to the pad trending south approximately 250'. The access consists of entirely new disturbance and crosses no drainages. The existing road has been rerouted around the proposed pad to minimize cuts and fills at the proposed well site. A road design plan is not anticipated at this time.
- b. The proposed access road will consist of a 14' travel surface within a 30' disturbed area.
- c. Proposed access will utilize entirely Ute Indian Tribe lands in which a right-of-way is being approved at this time. State approval to construct and utilize the proposed access road is requested with this application.
- d. A maximum grade of 10% will be maintained throughout the project with no cuts and fills required to access the well.
- e. No turnouts are proposed since the access road is only 250' long and adequate site distance exists in all directions.
- f. No culverts are anticipated. Adequate drainage structures will be incorporated into the road.
- g. No surfacing material will come from federal or Indian lands.
- h. No gates or cattle guards are anticipated at this time.
- i. Surface disturbance and vehicular travel will be limited to the approved location access road.
- j. All access roads and surface disturbing activities will conform to the standards outlined in the Bureau of Land Management and Forest Service publication: Surface Operating Standards for Oil and Gas Exploration and Development, (1989).
- k. The operator will be responsible for all maintenance of the access road including drainage structures.

3. Location of Existing Wells:

- a. Following is a list of existing wells within a one mile radius of the proposed well:
 - i. Water wells None
 - ii. Injection wells None
 - iii. Disposal wells None
 - iv. Drilling wells None
 - v. Temp. shut-in wells None
 - vi. Producing wells 5
 - vii. Abandon wells None
- b. Exhibit B has a map reflecting these wells within a one mile radius of the proposed well.

4. Location of Production Facilities:

- a. All permanent structures will be painted a flat, non-reflective Desert Brown to match the standard environmental colors. All facilities will be painted within six months of installation. Facilities required to comply with the Occupational Safety and Health Act (OSHA) may be excluded.
- b. Site security guidelines identified in 43 CFR 3163.7-5 and Onshore Oil and Gas Order No. 3 will be adhered to.
- c. A gas meter run will be constructed and located on lease within 500 feet of the wellhead. Meter runs will be housed and/or fenced. All gas production and measurement shall comply with the provisions of 43 CFR 3162.7-3, Onshore Oil and Gas Order No. 5, and American Gas Association (AGA) Report No. 3.
- d. A tank battery will be constructed on this lease, it will be surrounded by a dike of sufficient capacity to contain the storage capacity of the largest tank. All loading lines and valves will be placed inside the berm surrounding the tank battery. All liquid hydrocarbons production and measurement shall conform to the provisions of 43 CFR 3162.7-3 and Onshore Oil and Gas Order No. 4 and Onshore Oil and Gas Order No. 5 for natural gas production and measurement.
- e. Any necessary pits will be properly fenced to prevent any wildlife and livestock entry.
- f. All access roads will be maintained as necessary to prevent erosion and accommodate year-round traffic. The road will be maintained in a safe useable condition.
- g. The site will require periodic maintenance to ensure that drainages are kept open and free of debris, ice, and snow, and that surfaces are properly treated to reduce erosion, fugitive dust, and impacts to adjacent areas.
- h. A gas pipeline is associated with this application and is being applied for at this time. The proposed gas pipeline corridor will leave the northeast side of the well site and traverse 2,100' north to the proposed 4" pipeline corridor at the proposed HCU 11-32F.
- i. The gas pipeline will be a 4" steel surface line within a 20' wide utility corridor. The use of the proposed well site and access roads will facilitate the staging of the pipeline construction. A new pipeline length of approximately 2,100' is associated with this well.
- j. Dominion intends on installing the pipeline on the surface by welding many joints into long lengths, dragging the long lengths into position and then completing a final welding pass to join the long lengths together. Dominion intends on connecting the pipeline together utilizing conventional welding technology.

5. Location and Type of Water Supply:

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

6. Source of Construction Material:

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

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

7. Methods of Handling Waste Disposal:

- a. All wastes associated with this application will be contained and disposed of utilizing approved facilities.
- b. Drill cuttings will be contained and buried on site.
- c. The reserve pit will be located outboard of the location and along the northwest 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 state regulations.
- b. Access to the well pad will be from the north.
- c. The pad and road designs are consistent with State and Tribal specification
- d. A pre-construction meeting with responsible company representative, contractors, Tribal Representatives and the Utah Division of Oil, Gas and Mining 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 Utah Division of Oil, Gas and Mining or the appropriate County Extension Office. On Ute Tribal and State 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. Once the reserve pit is dry, the plastic nylon reinforced liner shall be torn and perforated before backfilling of the reserve pit. The reserve pit and that portion of the location not needed for production facilities/operations will be recontoured to the approximate natural contours.
- d. The cut and fill slopes and all other disturbed areas not needed for the production operation will be top soiled and re-vegetated. The stockpiled topsoil will be evenly distributed over the disturbed area.
- e. Prior to reseeding the site, all disturbed areas, including the access road, will be scarified and left with a rough surface. The site will then be seeded and/or planted as prescribed by the BIA. The BIA recommended seed mix will be detailed within their approval documents.

11. Surface and Mineral Ownership:

- a. Surface Ownership – Ute Indian Tribe under the management of the Bureau of Indian Affairs – Uintah and Ouray Agency, P.O. Box 130, 988 South 7500 East, Ft. Duchesne, Utah 84026
- b. Mineral Ownership – State of Utah – under the management of the SITLA -State Office, 675 East 500 South, Suite 500, Salt Lake, City, Utah 84102-2818; 801-538-5100.

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.

13. Operator's Representative and Certification

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

Certification:

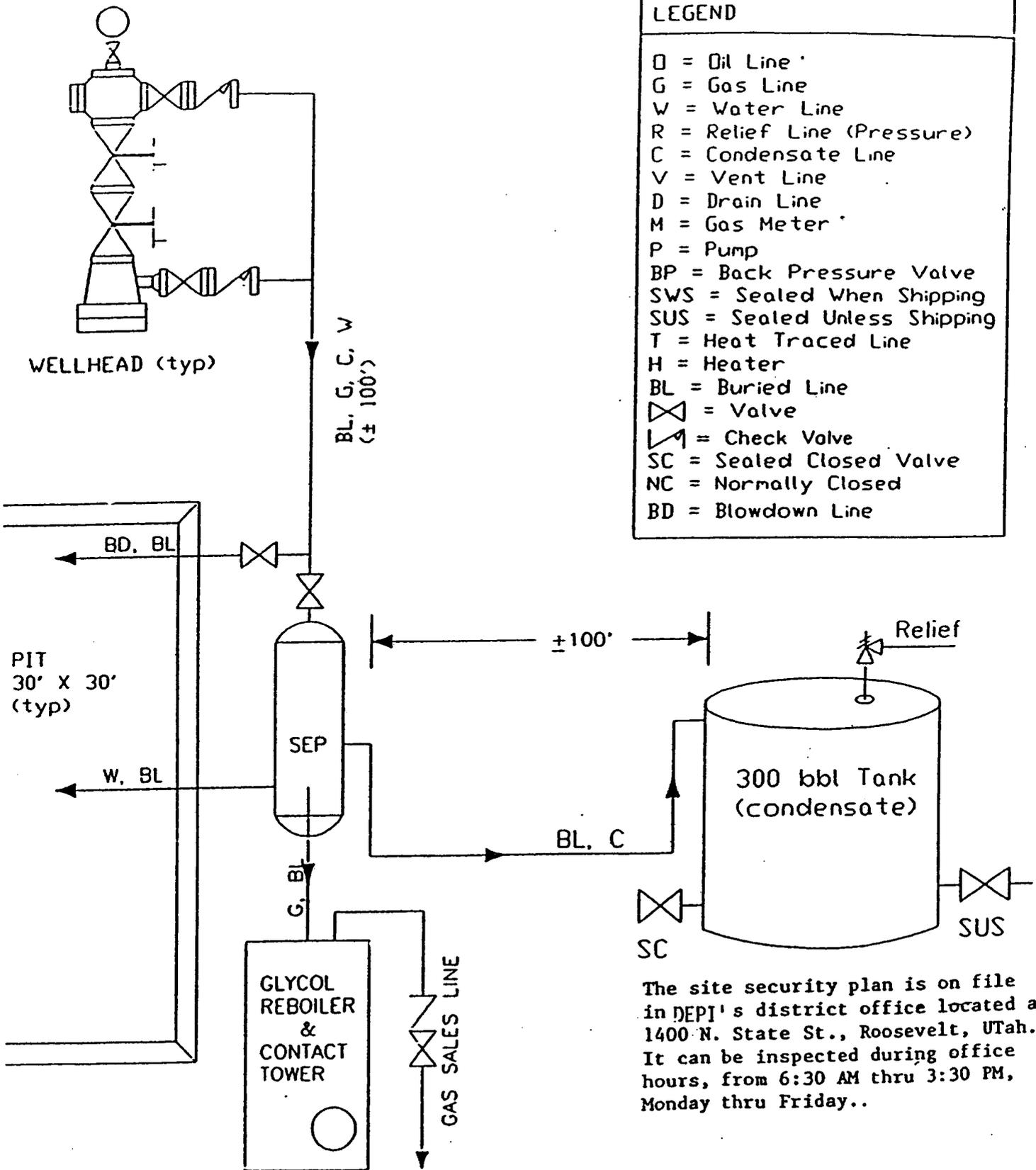
I hereby certify that I, or persons under my direct supervision, have inspected the proposed drill site and access route; that I am familiar with the conditions which currently exists; that the statements made in this APD package are, to the best of my knowledge, true and correct; and that the work associated with the operations proposed herein will be performed by Dominion Exploration & Production, Inc. and its contractors and subcontractors in conformity with this APD package and the terms and conditions under which it is approved. I also certify responsibility for the operations conducted on that portion of the leased lands associated with this application, with bond coverage being provided under Dominion's State 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: 8-2-2004

CONFIDENTIAL

LEGEND

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



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

DOMINION EXPLORATION & PRODUCTION, INC.

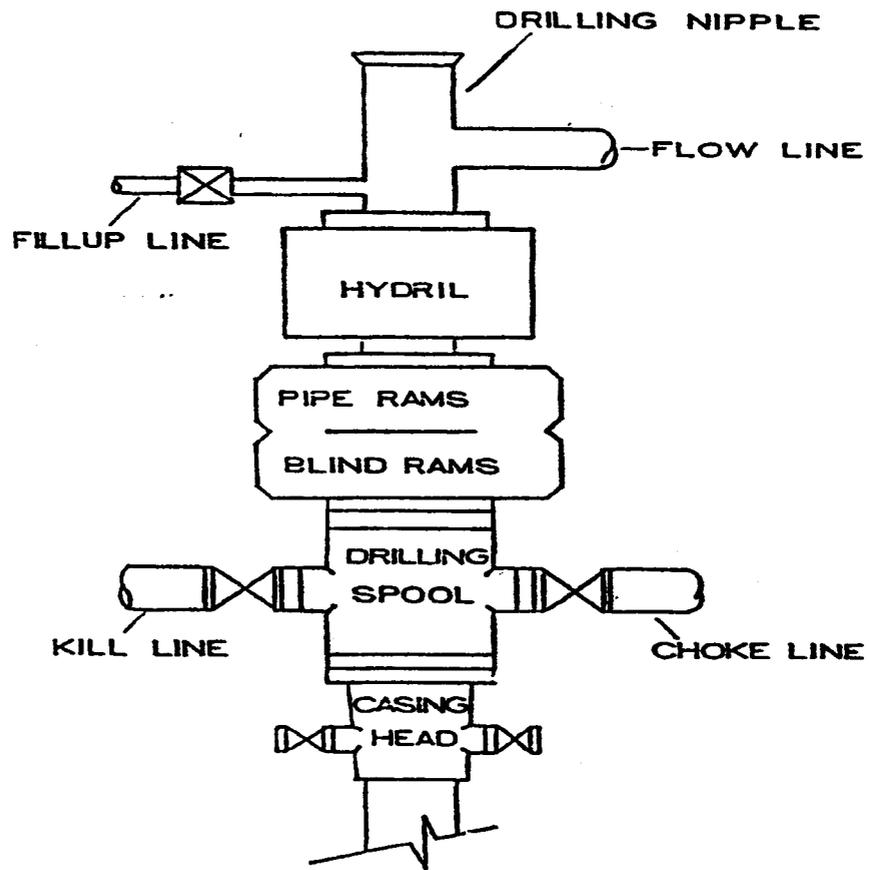
ll:

not to scale

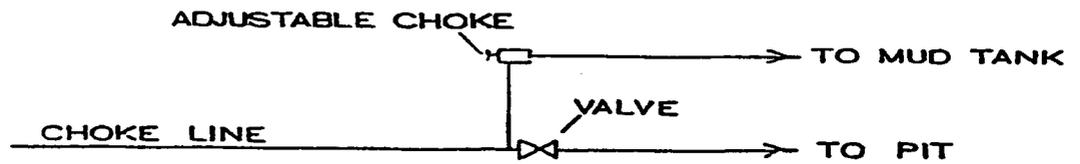
TYPICAL FLOW DIAGRAM

date: / /

BOP STACK



CHOKER MANIFOLD



DOMINION EXPLR. & PROD., INC.
HCU #13-32F & 14-32F
SECTION 32, T10S, R20E, S.L.B.&M.

PROCEED IN A WESTERLY DIRECTION FROM VERNAL, UTAH ALONG U.S. HIGHWAY 40 APPROXIMATELY 14.0 MILES TO THE JUNCTION OF STATE HIGHWAY 88; EXIT LEFT AND PROCEED IN A SOUTHERLY DIRECTION APPROXIMATELY 17.0 MILES TO OURAY, UTAH; PROCEED IN A SOUTHERLY, THEN SOUTHEASTERLY DIRECTION APPROXIMATELY 9.1 MILES ON THE SEEP RIDGE ROAD TO THE JUNCTION OF THIS ROAD AND AN EXISTING ROAD TO THE SOUTH; TURN RIGHT AND PROCEED IN A SOUTHERLY DIRECTION APPROXIMATELY 2.8 MILES TO THE JUNCTION OF THIS ROAD AND AN EXISTING ROAD TO THE WEST; TURN RIGHT AND PROCEED IN A WESTERLY, THEN SOUTHWESTERLY DIRECTION APPROXIMATELY 4.0 MILES TO THE BEGINNING OF THE PROPOSED ACCESS TO THE SOUTH; FOLLOW ROAD FLAGS IN A SOUTHERLY DIRECTION APPROXIMATELY 250' TO THE PROPOSED LOCATION.

TOTAL DISTANCE FROM VERNAL, UTAH TO THE PROPOSED WELL LOCATION IS APPROXIMATELY 46.9 MILES.

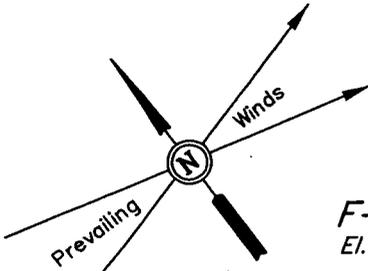
UNION EXPLR. & PROD.,

LOCATION LAYOUT FOR

HCU #13-32F & #14-32F
SECTION 32, T10S, R20E, S.L.B.&M.
SE 1/4 SW 1/4

Proposed Access Road

F-1.3'
El. 5005.6'



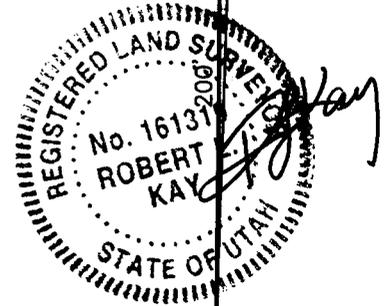
F-1.6'
El. 5005.3'

SCALE: 1" = 50'
DATE: 6-23-04
Drawn By: C.G.

Sta. 3+80

F-2.4'
El. 5004.5'

Approx. Toe of Fill Slope



Proposed Road Re-Route

Existing Road

Reserve Pit Backfill & Spoils Stockpile

FLARE PIT

El. 5010.4'
C-3.5'

CATWALK

PIPE RACKS

El. 5009.6'

C-2.7'

C-0.5'
El. 5007.4'

20' WIDE BENCH

30'

35'

25'

RIG

DOG HOUSE

135'

Sta. 1+80

El. 5012.1'
C-13.2'
(btm. pit)

Total Pit Capacity
W/2' of Freeboard
= 10,750 Bbls. ±
Total Pit Volume
= 3,120 Cu. Yds.

Slope = 1-1/2:1

MUD TANKS

PUMP

WATER

MUD SHED

HOPPER

POWER

TOOLS

FUEL

TRAILER

TOILET

C-1.6'
El. 5008.5'

10' WIDE BENCH

140'

Sta. 1+10

RESERVE PITS
(8' Deep)

Sta. 0+52

TRASH

UNION EXPLR. & PROD.,

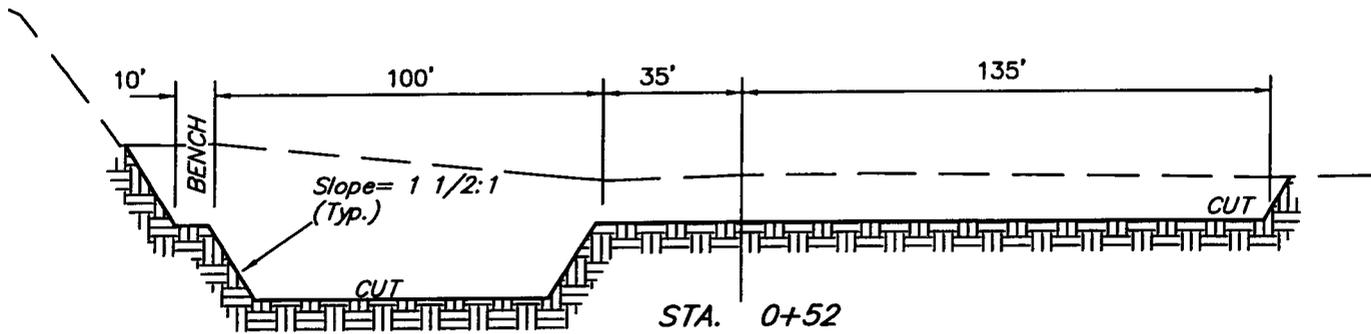
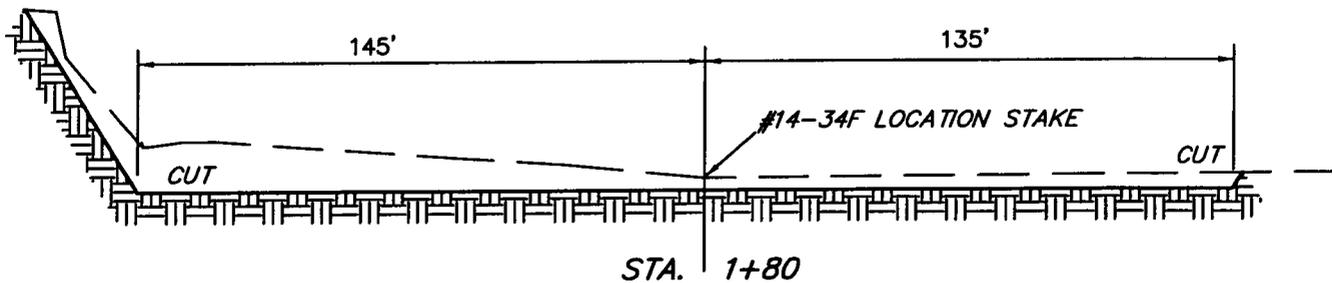
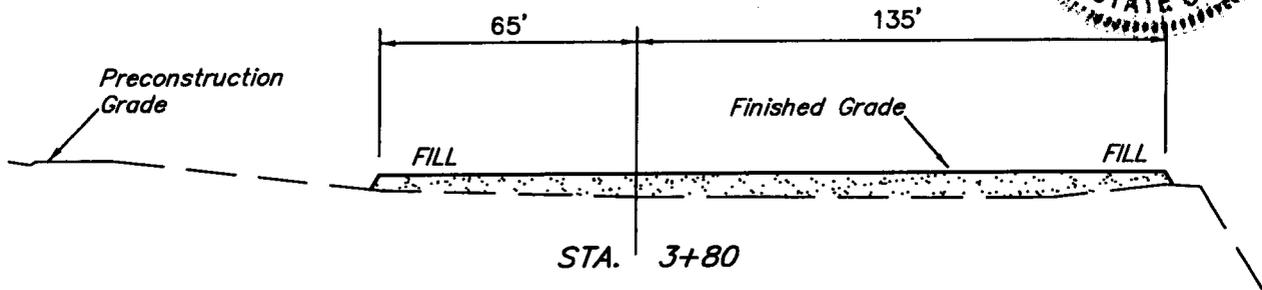
TYPICAL CROSS SECTIONS FOR

HCU #13-32F & #14-32F
SECTION 32, T10S, R20E, S.L.B.&M.
SE 1/4 SW 1/4



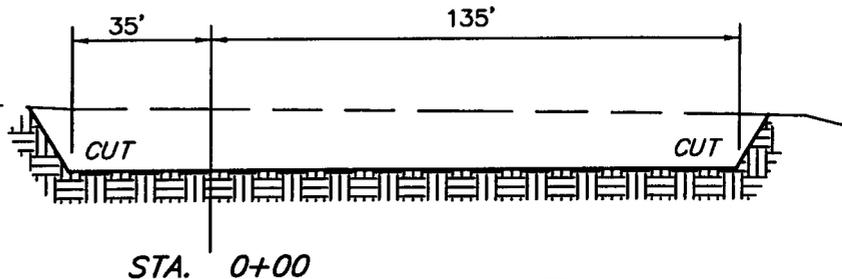
1" = 20'
X-Section
Scale
1" = 50'

DATE: 06-12-01
Drawn By: D.R.B.



NOTE:

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



* NOTE:

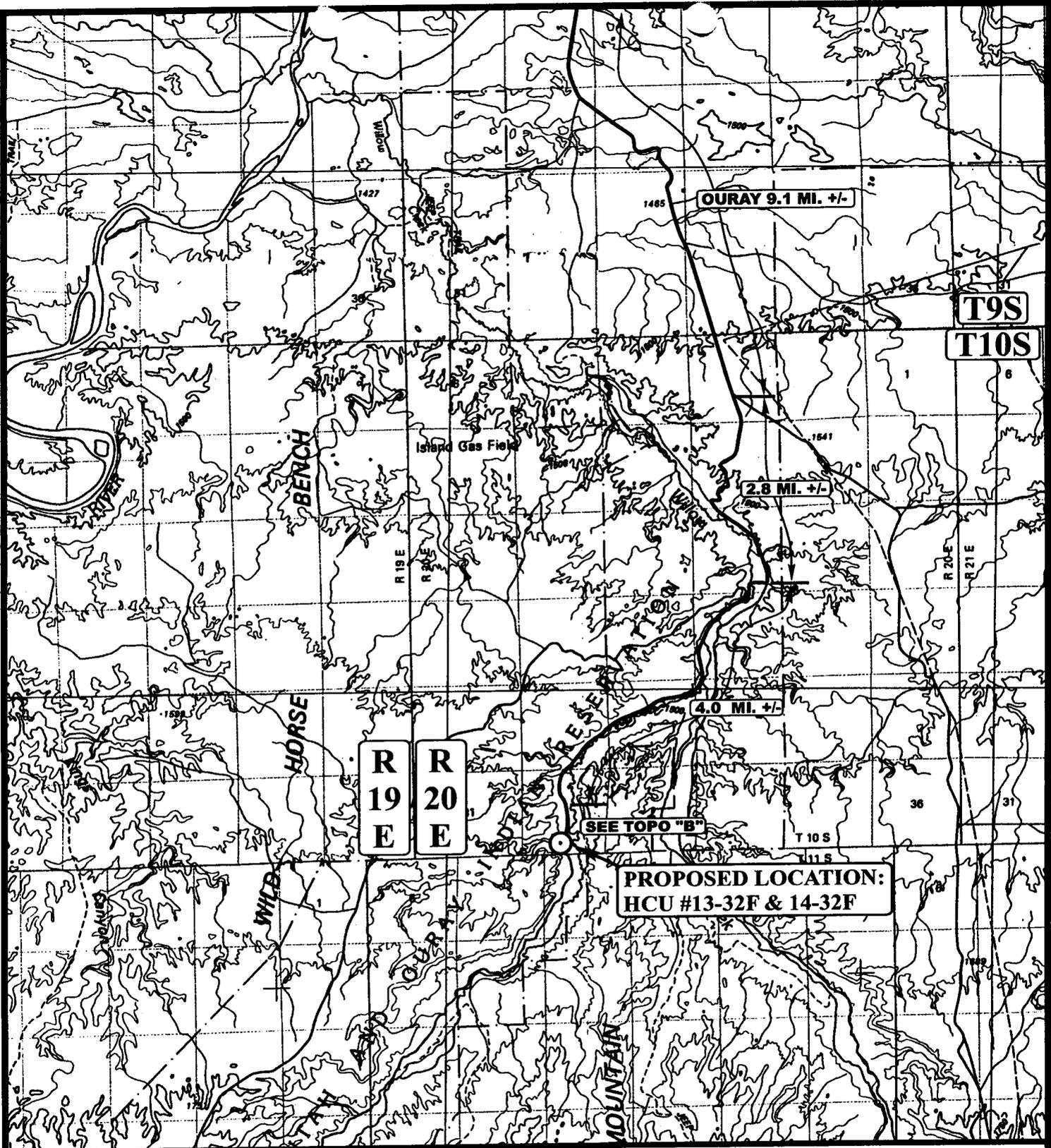
FILL QUANTITY INCLUDES 5% FOR COMPACTION

APPROXIMATE YARDAGES

CUT	
(12") Topsoil Stripping	= 3,760 Cu. Yds.
Remaining Location	= 10,460 Cu. Yds.
TOTAL CUT	= 14,220 CU.YDS.
FILL	= 2,460 CU.YDS.

EXCESS MATERIAL	= 11,760 Cu. Yds.
Topsoil & Pit Backfill (1/2 Pit Vol.)	= 5,320 Cu. Yds.
EXCESS UNBALANCE (After Rehabilitation)	= 6,440 Cu. Yds.

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



LEGEND:

○ PROPOSED LOCATION



DOMINION EXPLR. & PROD., INC.

HCU #13-32F & #14-32F
 SECTION 32, T10S, R20E, S.L.B.&M.
 SE 1/4 SW 1/4

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

TOPOGRAPHIC 06 11 04
 M A P MONTH DAY YEAR
 SCALE: 1:100,000 DRAWN BY: J.G. REVISED: 00-00-00



DOMINION EXPLR. & PROD., INC.

HCU #13-32F & 14-32F

LOCATED IN UINTAH COUNTY, UTAH

SECTION 32, T10S, R20E, S.L.B.&M.



PHOTO: VIEW FROM CORNER #5 TO LOCATION STAKE

CAMERA ANGLE: SOUTHEASTERLY



PHOTO: VIEW FROM BEGINNING OF PROPOSED ACCESS

CAMERA ANGLE: SOUTHEASTERLY



- Since 1964 -

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

LOCATION PHOTOS

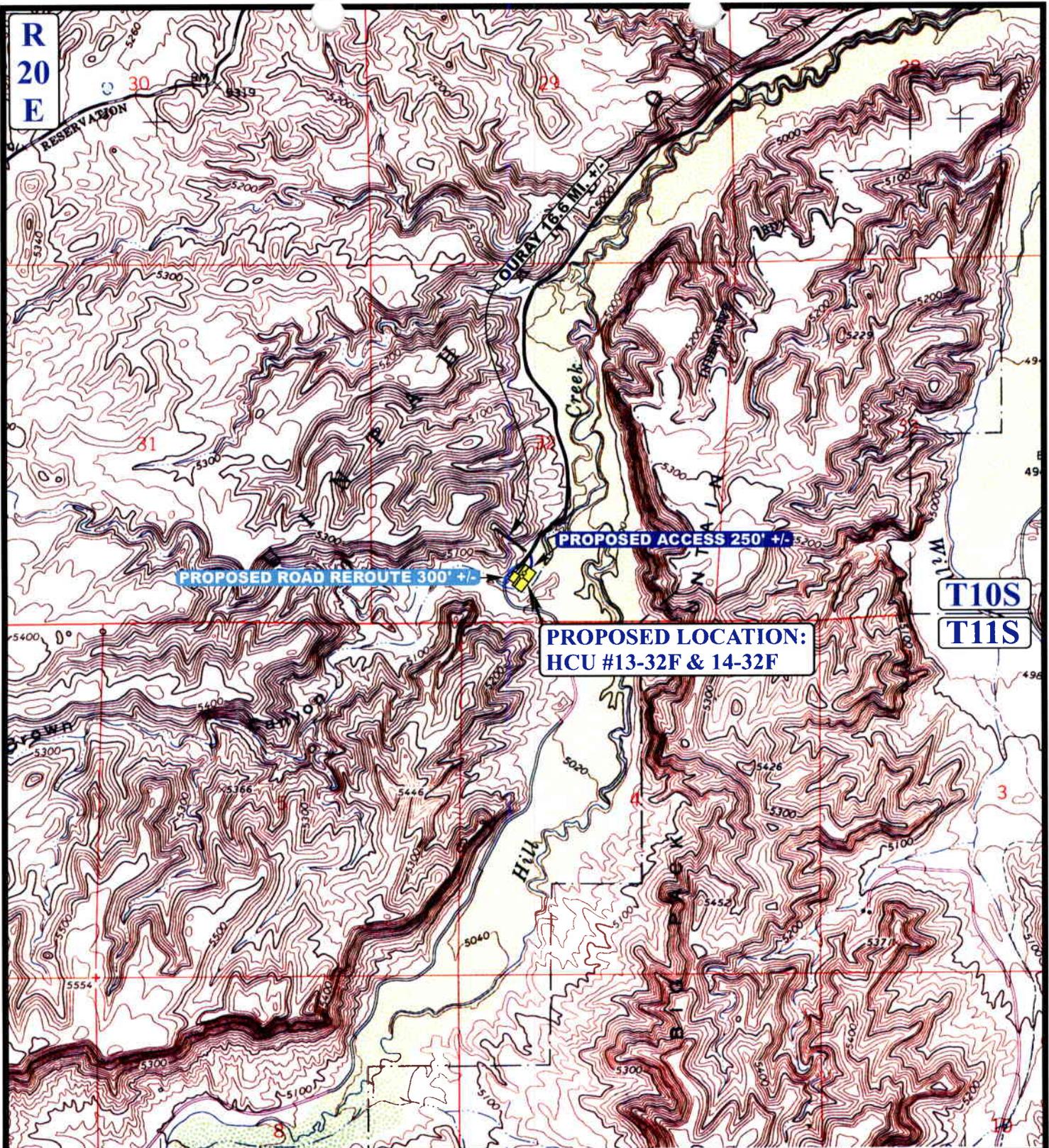
06 12 04
MONTH DAY YEAR

PHOTO

TAKEN BY: B.B.

DRAWN BY: J.D.G.

REVISED: 00-00-00



LEGEND:

-  EXISTING ROAD
-  PROPOSED ACCESS ROAD
-  PROPOSED ROAD REROUTE

DOMINION EXPLR. & PROD., INC.

HCU #13-32F & #14-32F
 SECTION 32, T10S, R20E, S.L.B.&M.
 SE 1/4 SW 1/4



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

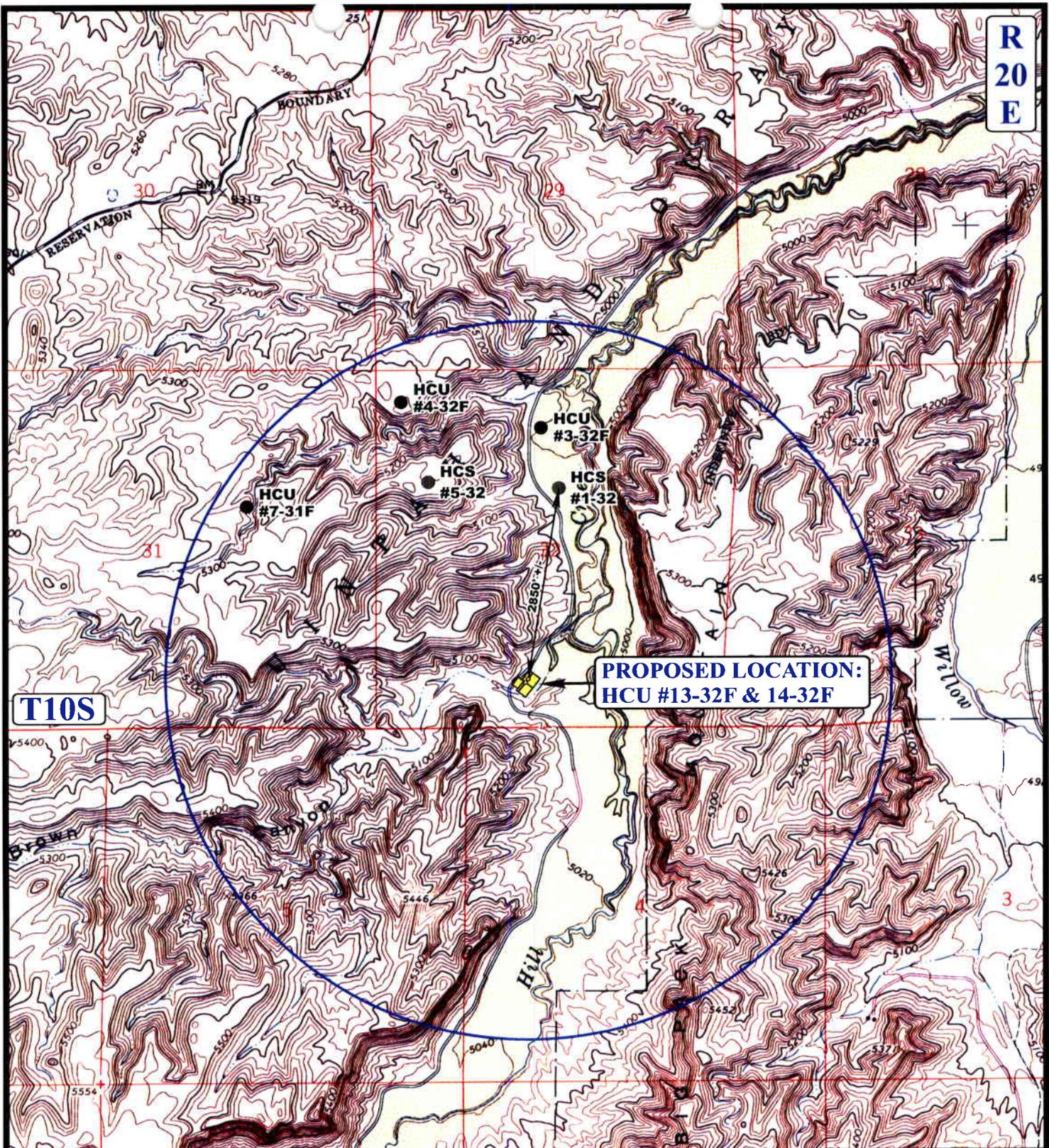


TOPOGRAPHIC
MAP

06	11	04
MONTH	DAY	YEAR

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





T10S

R20E

**PROPOSED LOCATION:
HCU #13-32F & 14-32F**

LEGEND:

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

DOMINION EXPLR. & PROD., INC.

**HCU #13-32F & #14-32F
SECTION 32, T10S, R20E, S.L.B.&M.
SE 1/4 SW 1/4**



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

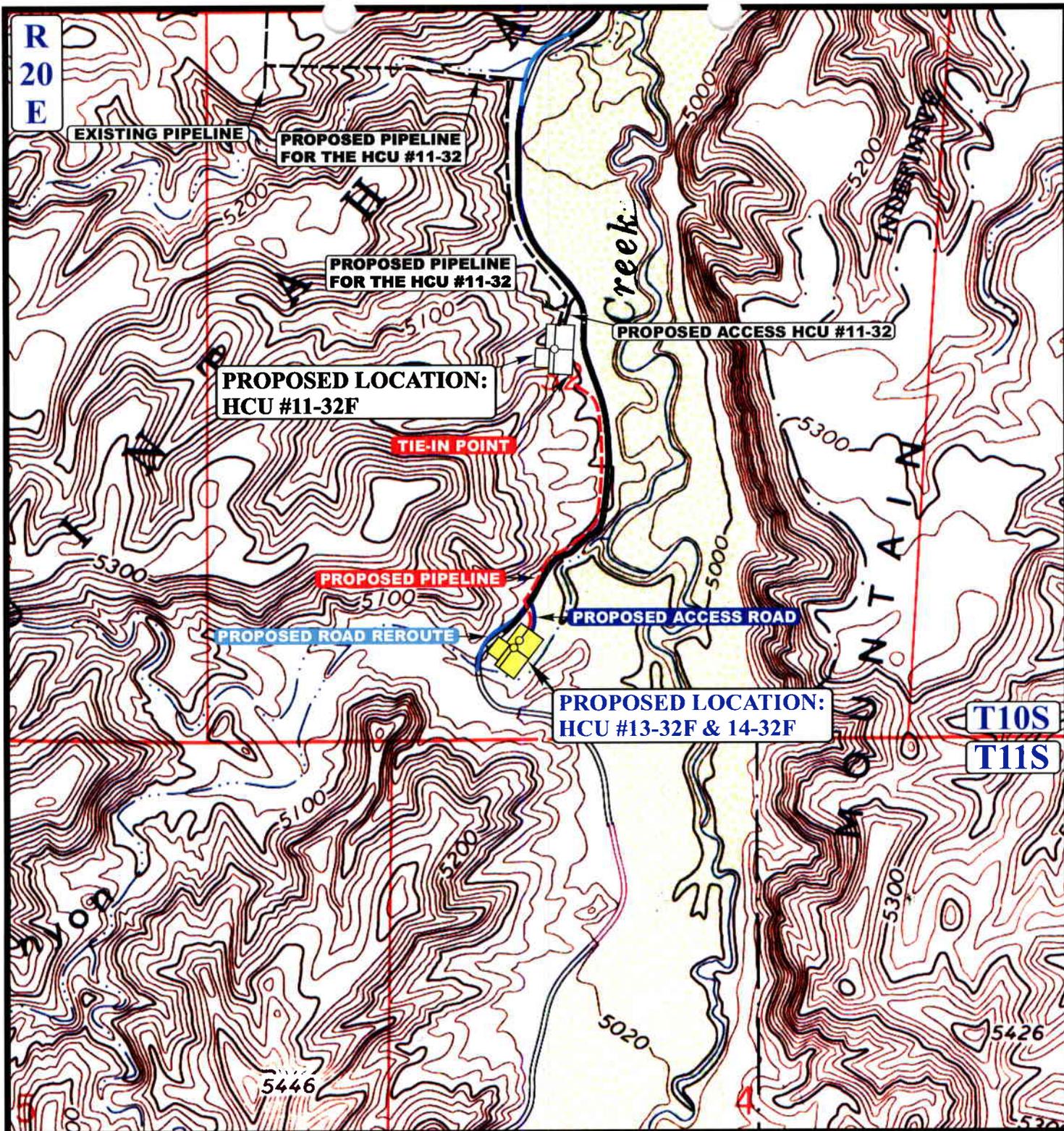


**TOPOGRAPHIC
MAP**

06	11	04
MONTH	DAY	YEAR

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





APPROXIMATE TOTAL PIPELINE DISTANCE = 2120' +/-

LEGEND:

-  PROPOSED ACCESS ROAD
-  EXISTING PIPELINE
-  PROPOSED PIPELINE

DOMINION EXPLR. & PROD., INC.

HCU #13-32F & #14-32F
SECTION 32, T10S, R20E, S.L.B.&M.
SE 1/4 SW 1/4



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



TOPOGRAPHIC **06 11 04**
MAP MONTH DAY YEAR

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



WORKSHEET
APPLICATION FOR PERMIT TO DRILL

APD RECEIVED: 08/04/2004

API NO. ASSIGNED: 43-047-35870

WELL NAME: HCU 13-32F

OPERATOR: DOMINION EXPL & PROD (N1095)

CONTACT: DON HAMILTON

PHONE NUMBER: 435-650-1886

PROPOSED LOCATION:

SESW 32 100S 200E

SURFACE: 0740 FSL 2231 FWL

Swath BOTTOM: 0800 FSL 0600 FWL

UINTAH

NATURAL BUTTES (630)

LEASE TYPE: 3 - State

LEASE NUMBER: ML-22313-2 ✓

SURFACE OWNER: 2 - Indian

PROPOSED FORMATION: MVRD

COALBED METHANE WELL? NO

INSPECT LOCATN BY: / /		
Tech Review	Initials	Date
Engineering	DRD	8/26/04
Geology		
Surface		

LATITUDE: 39.89837

LONGITUDE: 109.68946

RECEIVED AND/OR REVIEWED:

- Plat
- Bond: Fed[] Ind[] Sta[3] Fee[]
(No. 76S63050361)
- Potash (Y/N)
- Oil Shale 190-5 (B) or 190-3 or 190-13
- Water Permit
(No. 43-10447)
- RDCC Review (Y/N)
(Date:)
- Fee Surf Agreement (Y/N)

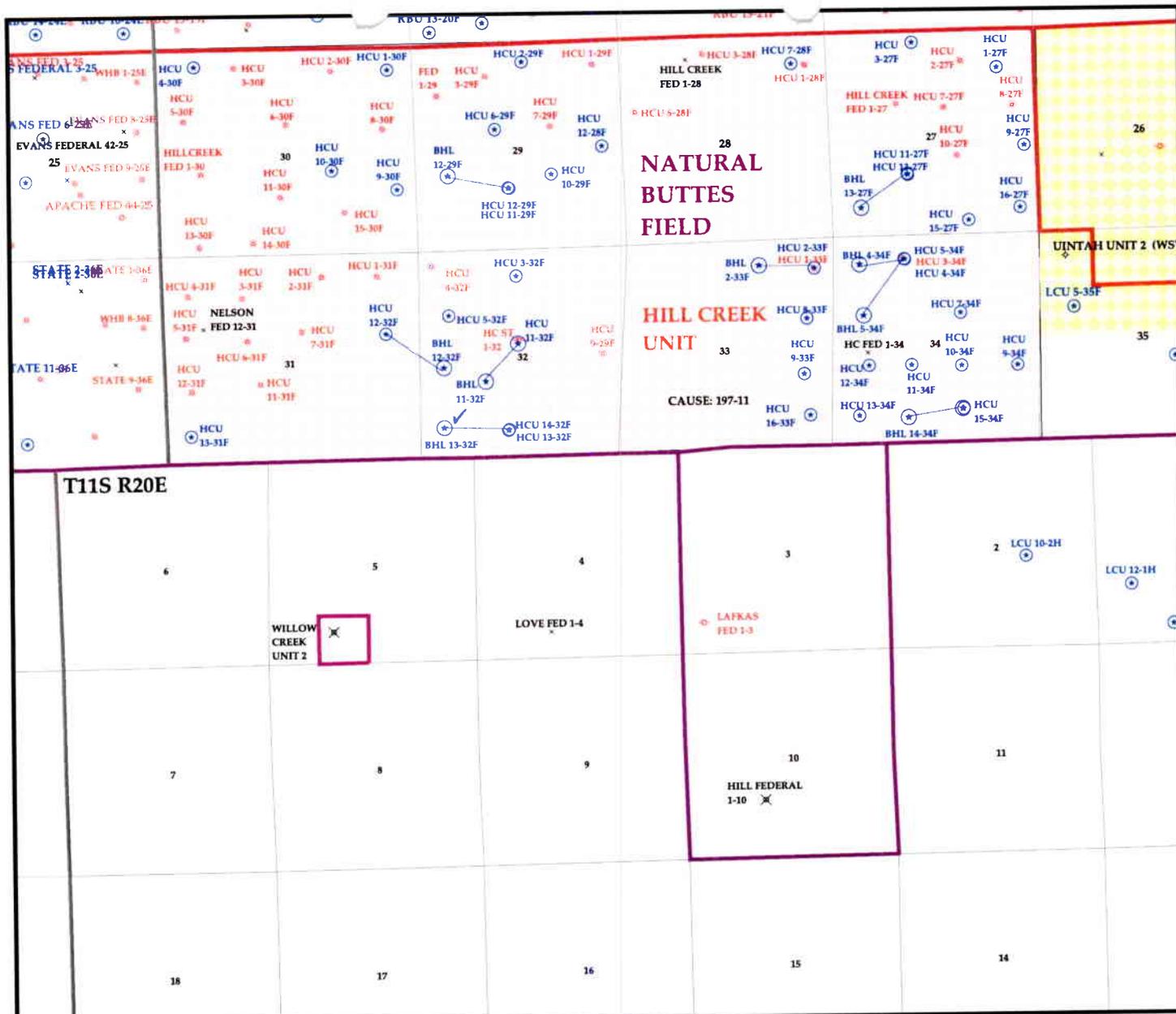
LOCATION AND SITING:

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

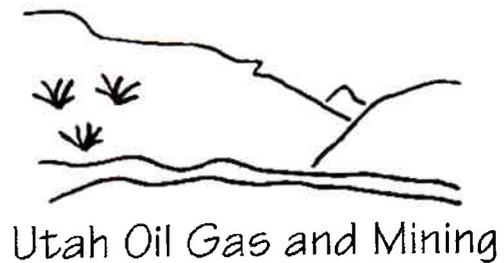
COMMENTS: _____

STIPULATIONS: _____

1- Federal approval
2- Oil Shale
3- STATEMENT OF BASIS



OPERATOR: DOMINION EXPL & PROD (N1095)
SEC. 32 T.10S R.20E
FIELD: NATURAL BUTTES (630)
COUNTY: UINTAH
SPACING: R649-3-11 / DIRECTIONAL DRILLING



- | Wells | Units.shp | Fields.shp |
|-----------------------|----------------|--------------|
| ● GAS INJECTION | □ EXPLORATORY | □ ABANDONED |
| ○ GAS STORAGE | □ GAS STORAGE | □ ACTIVE |
| × LOCATION ABANDONED | □ NF PP OIL | □ COMBINED |
| ⊕ NEW LOCATION | □ NF SECONDARY | □ INACTIVE |
| ◇ PLUGGED & ABANDONED | □ PENDING | □ PROPOSED |
| ⊙ PRODUCING GAS | □ PI OIL | □ STORAGE |
| ● PRODUCING OIL | □ PP GAS | □ TERMINATED |
| ○ SHUT-IN GAS | □ PP GEOTHERML | |
| ○ SHUT-IN OIL | □ PP OIL | |
| × TEMP. ABANDONED | □ SECONDARY | |
| ○ TEST WELL | □ TERMINATED | |
| △ WATER INJECTION | | |
| ⊕ WATER SUPPLY | | |
| ⊖ WATER DISPOSAL | | |



PREPARED BY: DIANA WHITNEY
 DATE: 6-AUG-2004

**WORKSHEET
APPLICATION FOR PERMIT TO DRILL**

APD RECEIVED: 08/04/2004

API NO. ASSIGNED: 43-047-35870

WELL NAME: HCU 13-32F

OPERATOR: DOMINION EXPL & PROD (N1095)

CONTACT: DON HAMILTON

PHONE NUMBER: 435-650-1886

PROPOSED LOCATION:

NESE 31 100S 200E
 SURFACE: 1507 FSL 0112 FEL
 BOTTOM: 0660 FSL 0660 FWL
 UINTAH
 NATURAL BUTTES (630)

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

LEASE TYPE: 3 - State
 LEASE NUMBER: ML-22313-2
 SURFACE OWNER: 2 - Indian
 PROPOSED FORMATION: MVRD
 COALBED METHANE WELL? NO

LATITUDE: 39.90050
 LONGITUDE: -109.6977

RECEIVED AND/OR REVIEWED:

___ Plat
 ___ Bond: Fed[] Ind[] Sta[] Fee[]
 (No. 76S63050600)
 ___ 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:

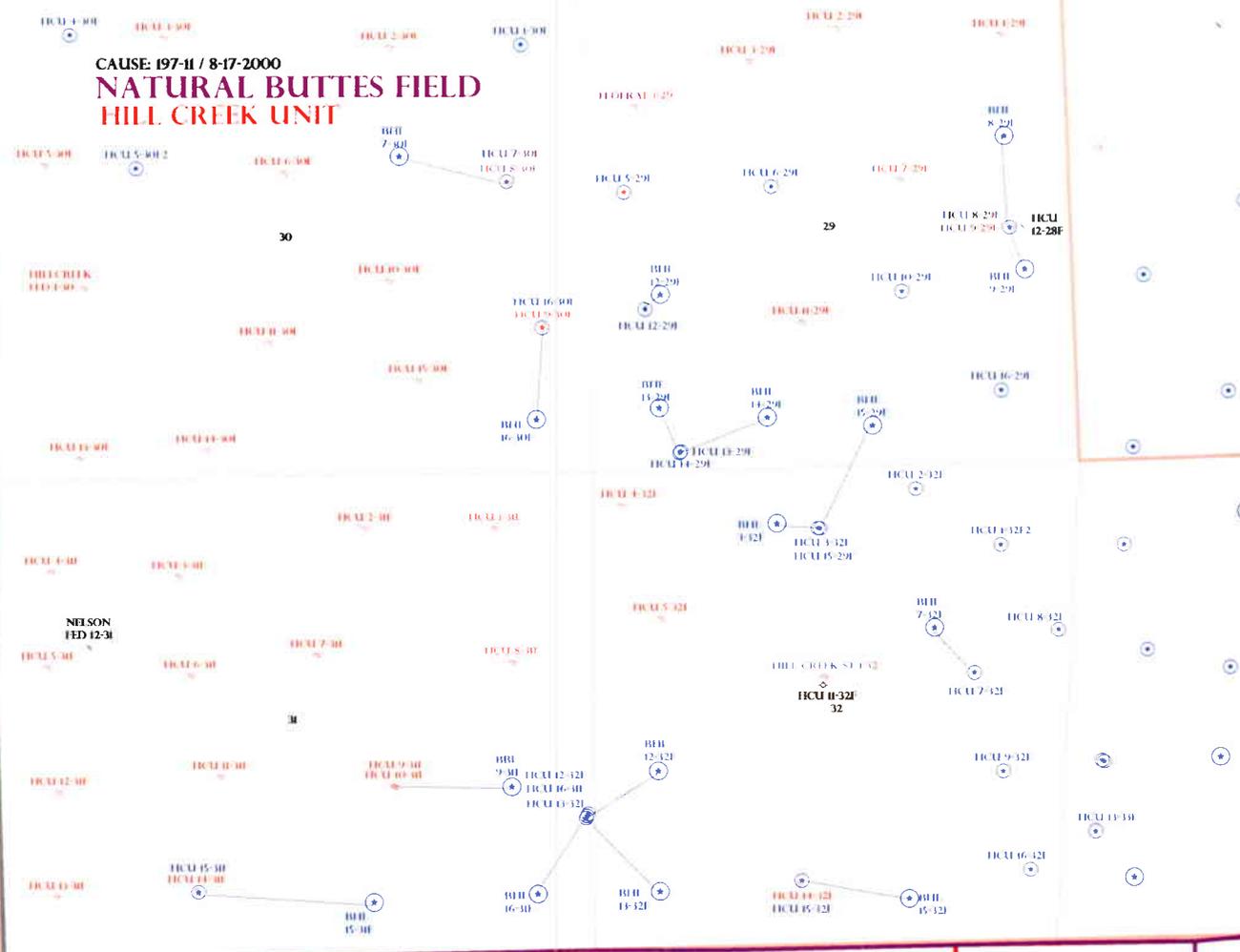
___ R649-2-3.
 Unit HILL CREEK
 ___ R649-3-2. General
 Siting: 460 From Qtr/Qtr & 920' Between Wells
 ___ R649-3-3. Exception
 ___ Drilling Unit
 Board Cause No: _____
 Eff Date: _____
 Siting: _____
 ___ R649-3-11. Directional Drill

COMMENTS: _____

STIPULATIONS: _____

T10S R20E

CAUSE: 197-11 / 8-17-2000
NATURAL BUTTES FIELD
HILL CREEK UNIT



T11S R20E

OPERATOR: DOMINION EXPL & PROD (N1095)
 SEC: 29,31,32 T. 10S R. 20E
 FIELD: NATURAL BUTTES (630)
 COUNTY: UINTAH
 CAUSE: 197-11 / 8-17-2000



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

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

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



PREPARED BY: DIANA WHITNEY
 DATE: 5-JANUARY-2006

002

From: Ed Bonner
To: Whitney, Diana
Date: 8/10/2004 2:53:18 PM
Subject: Leases & bonds

The following leases and bonds are OK

Dominion Exploration and Production	ML 22313-2	Bond No. 76S63050361
The Houston Exploration Company	ML 46527	Bond No. 104155043
Prima Oil & Gas Company	ML 47338	Bond No. 4127698

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)

August 10, 2004

Memorandum

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

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

API#	WELL NAME	LOCATION
(Proposed PZ Mesaverde)		
43-047-35870	HCU 13-32F Sec 32	T10S R20E 0740 FSL 2231 FWL
	BHL Sec 32	T10S R20E 0800 FSL 0600 FWL
43-047-35872	HCU 14-32F Sec 32	T10S R20E 0720 FSL 2216 FWL
43-047-35873	HCU 3-32F Sec 32	T10S R20E 0617 FNL 2459 FWL
43-047-35874	HCU 11-32F Sec 32	T10S R20E 2350 FNL 2508 FWL
	BHL Sec 32	T10S R20E 1950 FSL 1650 FWL
43-047-35871	HCU 12-32F Sec 31	T10S R20E 2080 FNL 0855 FEL
	BHL Sec 32	T10S R20E 2300 FSL 0600 FWL
43-047-35875	HCU 14-34F Sec 34	T10S R20E 0829 FSL 1958 FEL
	BHL Sec 34	T10S R20E 0700 FSL 1950 FWL

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

/s/ Michael L. Coulthard

Well name:	08-04 Dominion HCU 13-32F		
Operator:	Dominion	Project ID:	43-047-35870
String type:	Surface		
Location:	Uintah		

Design parameters:

Collapse

Mud weight: 8.400 ppg
 Design is based on evacuated pipe.

Burst

Max anticipated surface pressure: 440 psi
 Internal gradient: 0.120 psi/ft
 Calculated BHP: 500 psi

 No backup mud specified.

Minimum design factors:

Collapse:

Design factor 1.125

Burst:

Design factor 1.00

Tension:

8 Round STC: 1.80 (J)
 8 Round LTC: 1.80 (J)
 Buttress: 1.60 (J)
 Premium: 1.50 (J)
 Body yield: 1.60 (B)

Tension is based on air weight.
 Neutral point: 438 ft

Environment:

H2S considered? No
 Surface temperature: 65 °F
 Bottom hole temperature: 72 °F
 Temperature gradient: 1.40 °F/100ft
 Minimum section length: 500 ft

Cement top: 107 ft

Non-directional string.

Re subsequent strings:

Next setting depth: 2,502 ft
 Next mud weight: 8.600 ppg
 Next setting BHP: 1,118 psi
 Fracture mud wt: 19.250 ppg
 Fracture depth: 500 ft
 Injection pressure 500 psi

Run Seq	Segment Length (ft)	Size (in)	Nominal Weight (lbs/ft)	Grade	End Finish	True Vert Depth (ft)	Measured Depth (ft)	Drift Diameter (in)	Est. Cost (\$)
1	500	13.375	48.00	H-40	ST&C	500	500	12.59	6199
Run Seq	Collapse Load (psi)	Collapse Strength (psi)	Collapse Design Factor	Burst Load (psi)	Burst Strength (psi)	Burst Design Factor	Tension Load (kips)	Tension Strength (kips)	Tension Design Factor
1	218	740	3.392	500	1730	3.46	24	322	13.42 J

Prepared by: Clinton Dworshak
 Utah Div. of Oil & Mining

Date: August 11, 2004
 Salt Lake City, Utah

Remarks:

Collapse is based on a vertical depth of 500 ft, a mud weight of 8.4 ppg. The casing is considered to be evacuated for collapse purposes. Collapse strength is based on the Westcott, Dunlop & Kemler method of biaxial correction for tension.

Burst strength is not adjusted for tension.

Well name:	08-04 Dominion HCU 13-32F		
Operator:	Dominion	Project ID:	43-047-35870
String type:	Intermediate		
Location:	Uintah		

Design parameters:

Collapse

Mud weight: 8.600 ppg
 Design is based on evacuated pipe.

Minimum design factors:

Collapse:

Design factor 1.125

Burst:

Design factor 1.00

Environment:

H2S considered? No
 Surface temperature: 65 °F
 Bottom hole temperature: 100 °F
 Temperature gradient: 1.40 °F/100ft
 Minimum section length: 500 ft

Cement top: 3 ft

Burst

Max anticipated surface pressure: 2,237 psi
 Internal gradient: 0.120 psi/ft
 Calculated BHP 2,538 psi

No backup mud specified.

Tension:

8 Round STC: 1.80 (J)
 8 Round LTC: 1.80 (J)
 Buttress: 1.60 (J)
 Premium: 1.50 (J)
 Body yield: 1.60 (B)

Tension is based on air weight.
 Neutral point: 2,413 ft

Directional well information:

Kick-off point 0 ft
 Departure at shoe: 1042 ft
 Maximum dogleg: 4 °/100ft
 Inclination at shoe: 34.7 °

Re subsequent strings:

Next setting depth: 7,455 ft
 Next mud weight: 8.600 ppg
 Next setting BHP: 3,330 psi
 Fracture mud wt: 19.250 ppg
 Fracture depth: 2,543 ft
 Injection pressure 2,543 psi

Run Seq	Segment Length (ft)	Size (in)	Nominal Weight (lbs/ft)	Grade	End Finish	True Vert Depth (ft)	Measured Depth (ft)	Drift Diameter (in)	Est. Cost (\$)
1	2800	9.625	36.00	J-55	LT&C	2502	2800	8.796	22895

Run Seq	Collapse Load (psi)	Collapse Strength (psi)	Collapse Design Factor	Burst Load (psi)	Burst Strength (psi)	Burst Design Factor	Tension Load (kips)	Tension Strength (kips)	Tension Design Factor
1	1118	2020	1.807	2538	3520	1.39	90.1	453	5.03 J

Prepared by: Clinton Dworshak
 Utah Div. of Oil & Mining

Date: August 11, 2004
 Salt Lake City, Utah

Remarks:

Collapse is based on a vertical depth of 2502 ft, a mud weight of 8.6 ppg. The casing is considered to be evacuated for collapse purposes. Collapse strength is based on the Westcott, Dunlop & Kemler method of biaxial correction for tension.

Burst strength is not adjusted for tension.

Collapse strength is (biaxially) derated for doglegs in directional wells by multiplying the tensile stress by the cross section area to calculate a

Engineering responsibility for use of this design will be that of the purchaser.

Well name:	08-04 Dominion HCU 13-32F		
Operator:	Dominion	Project ID:	43-047-35870
String type:	Production		
Location:	Uintah		

Design parameters:

Collapse
Mud weight: 8.600 ppg
Design is based on evacuated pipe.

Burst
Max anticipated surface pressure: 2,581 psi
Internal gradient: 0.120 psi/ft
Calculated BHP: 3,529 psi

No backup mud specified.

Minimum design factors:

Collapse:
Design factor: 1.125

Burst:
Design factor: 1.00

Tension:
8 Round STC: 1.80 (J)
8 Round LTC: 1.80 (J)
Buttress: 1.60 (J)
Premium: 1.50 (J)
Body yield: 1.60 (B)

Tension is based on air weight.
Neutral point: 7,315 ft

Environment:

H2S considered? No
Surface temperature: 65 °F
Bottom hole temperature: 176 °F
Temperature gradient: 1.40 °F/100ft
Minimum section length: 350 ft

Cement top: 3,631 ft

Directional well information:
Kick-off point: 0 ft
Departure at shoe: 1631 ft
Maximum dogleg: 4 °/100ft
Inclination at shoe: 0 °

Run Seq	Segment Length (ft)	Size (in)	Nominal Weight (lbs/ft)	Grade	End Finish	True Vert Depth (ft)	Measured Depth (ft)	Drift Diameter (in)	Est. Cost (\$)
1	8345	5.5	17.00	Mav-80	LT&C	7900	8345	4.767	68846

Run Seq	Collapse Load (psi)	Collapse Strength (psi)	Collapse Design Factor	Burst Load (psi)	Burst Strength (psi)	Burst Design Factor	Tension Load (kips)	Tension Strength (kips)	Tension Design Factor
1	3529	6290	1.782	3529	7740	2.19	134.3	272.9	2.03 B

Prepared by: Clinton Dworshak
Utah Div. of Oil & Mining

Date: August 11, 2004
Salt Lake City, Utah

Remarks:
Collapse is based on a vertical depth of 7900 ft, a mud weight of 8.6 ppg. The casing is considered to be evacuated for collapse purposes. Collapse strength is based on the Westcott, Dunlop & Kemler method of biaxial correction for tension.

Burst strength is not adjusted for tension.
Collapse strength is (biaxially) derated for doglegs in directional wells by multiplying the tensile stress by the cross section area to calculate a

Engineering responsibility for use of this design will be that of the purchaser.

HCU 11-32F - SURFACE LOCATION 2,350 FNL & 2,508 FWL, SEC. 32
 BOTTOM LOCATION 1,950 FSL & 1,650 FWL, SEC. 32

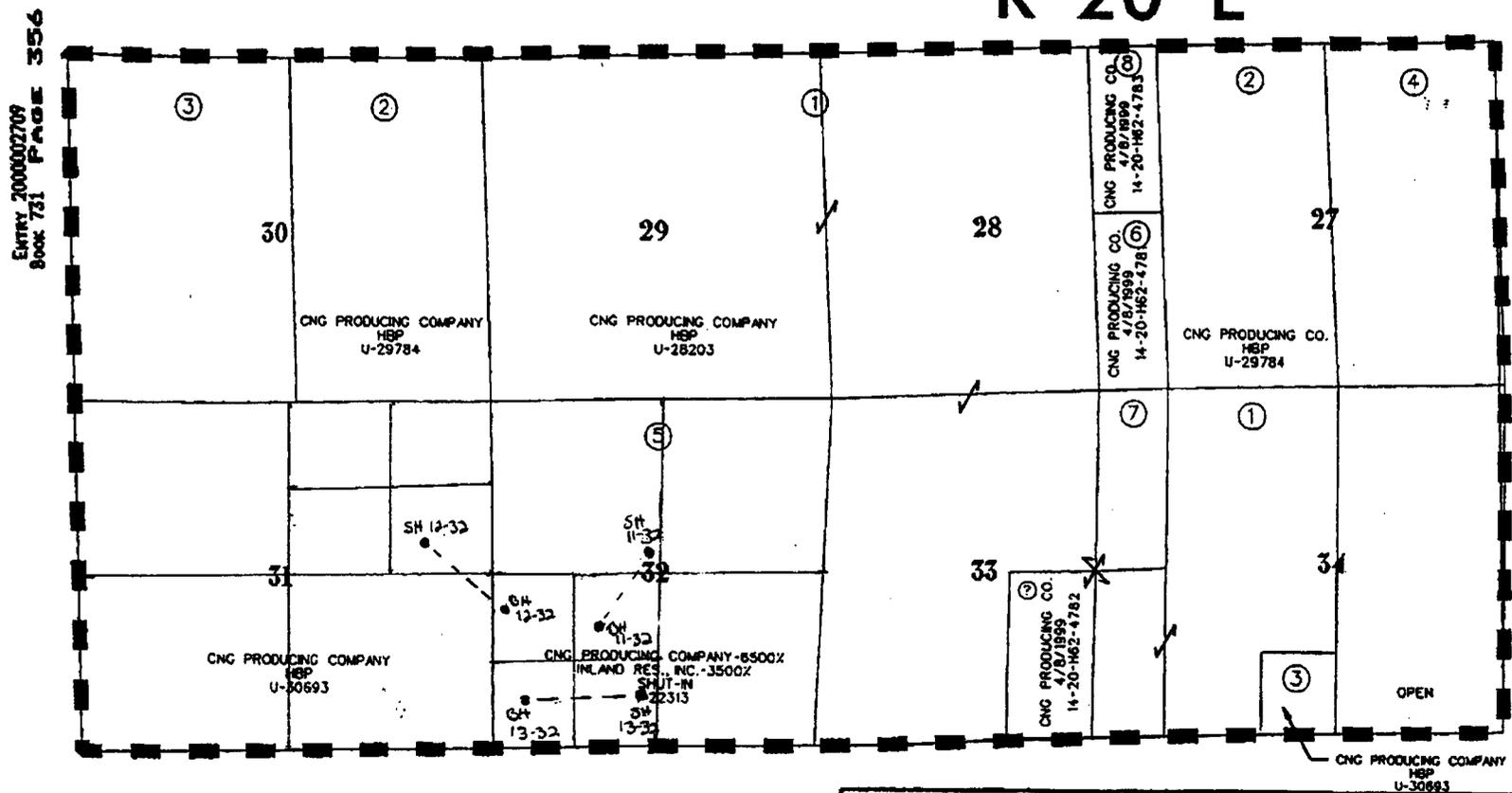
HCU 12-32F - SURFACE LOCATION 2,080 FNL & 855 FWL, SEC. 31
 BOTTOM LOCATION 2,300 FSL & 600 FWL, SEC. 32

HCU 13-32F - SURFACE LOCATION 740 FSL & 2231 FWL, SEC. 32
 BOTTOM LOCATION 800 FSL & 600 FWL, SEC. 32

RECEIVED
 AUG 20 2004
 HILL CREEK OIL, GAS & MINING

R 20 E

T 10 S



--- LEASE line



LEGEND		CNG PRODUCING COMPANY NEW ORLEANS, LOUISIANA HILL CREEK AREA UTAH COUNTY, UTAH HILL CREEK MAP EXHIBIT "A"	
FEDERAL LANDS STATE LANDS INDIAN ALLOTTED LANDS PROSPECT OUTLINE		SCALE 	DATE

**DIVISION OF OIL, GAS AND MINING
APPLICATION FOR PERMIT TO DRILL
STATEMENT OF BASIS**

OPERATOR: Dominion Exploration & Production.
WELL NAME & NUMBER: HCU 13-32F
API NUMBER: 43-047-34870
LOCATION: 1/4,1/4 NENW Sec: 32 TWP: 10S RNG: 20 E 740 FSL 2231 FWL

Geology/Ground Water:

Dominion proposes to set 500 feet of surface casing cemented to the surface. The base of the moderately saline water is estimated at 5,000 feet. A search of Division of Water Rights records shows no water wells within a 10,000 foot radius of the proposed location. The surface formation at this location is the Uinta Formation. The Uinta Formation is made up of discontinuous sands interbedded with shales and are not expected to produce prolific aquifers. The proposed surface casing should adequately protect any near surface aquifers.

Reviewer: Brad Hill **Date:** 08-26-2004

Surface:

The Ute Indian Tribe is the administrative agency over the ground surface at this location. The operator is responsible for obtaining any needed permits or rights of way before causing any surface disturbance.

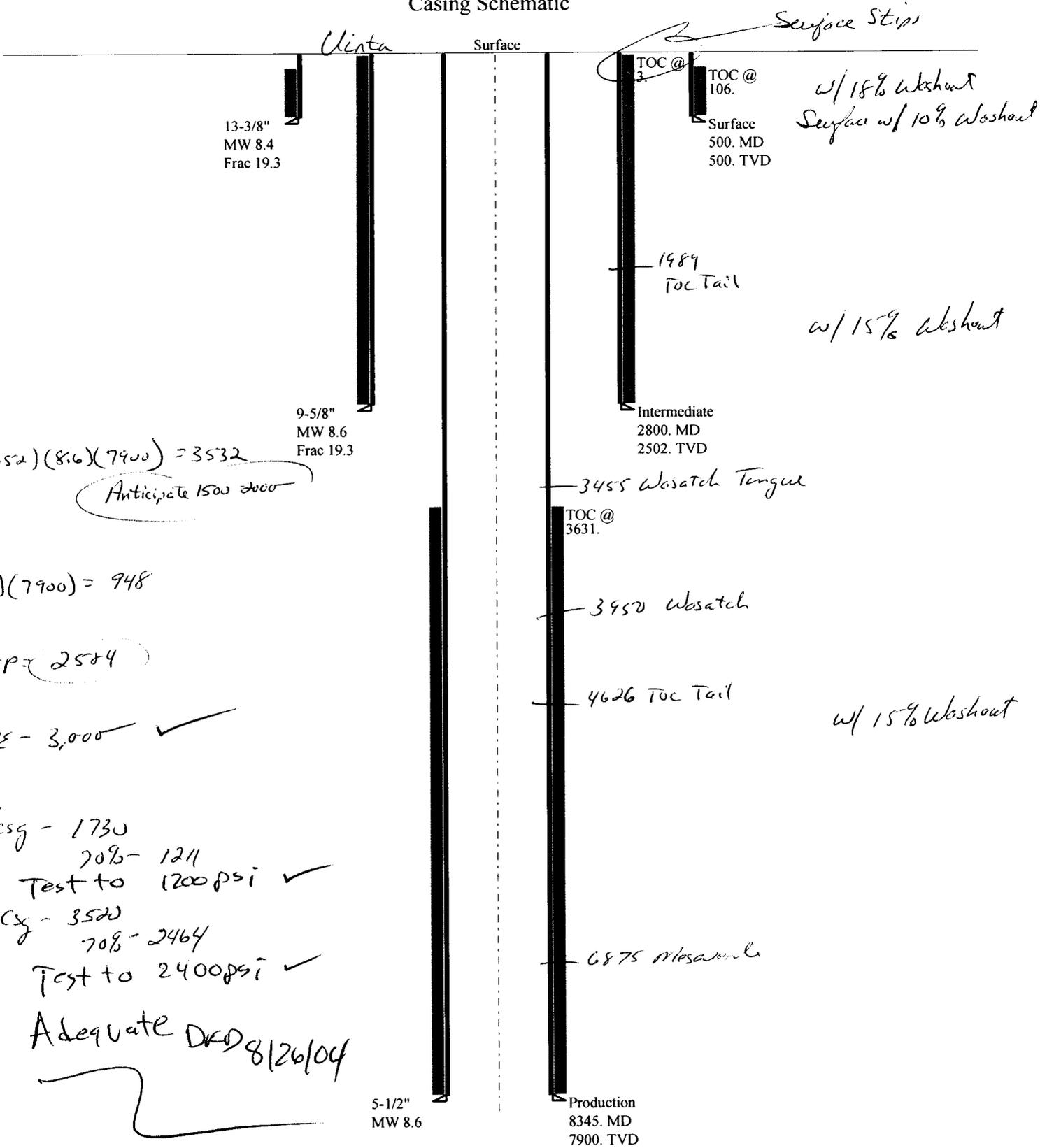
Reviewer: Brad Hill **Date:** 08-26-2004

Conditions of Approval/Application for Permit to Drill:

None.

08-04 Dominion HCU 13-32F

Casing Schematic



BHD

$$(0.52)(8.6)(7900) = 3532$$

Anticipate 1500-2000

Gas

$$(0.1)(7900) = 948$$

MAASP = 2584

BOPE - 3,000 ✓

Suf/csg - 1730
70% - 1211
Test to 1200 psi ✓

J.T. Csg - 3520
70% - 2464
Test to 2400 psi ✓

Adequate DWD 8/26/04



State of Utah

Department of
Natural Resources

ROBERT L. MORGAN
Executive Director

Division of
Oil, Gas & Mining

LOWELL P. BRAXTON
Division Director

OLENE S. WALKER
Governor

GAYLE F. McKEACHNIE
Lieutenant Governor

August 26, 2004

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

Re: Hill Creek Unit 13-32F Well, 740' FSL, 2231' FWL, SE SW, Sec. 32,
T. 10 South, R. 20 East, Bottom Location: 800' FSL, 600' FWL, SW SW,
Sec. 32, 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 43-047-35870.

Sincerely,

John R. Baza
Associate Director

pab
Enclosures

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

Page 2
API #43-047-35870
August 26, 2004

6. Compliance with the Conditions of Approval/Application for Permit to Drill outlined in the Statement of Basis. (Copy Attached)
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.
8. State approval of this well does not supersede the required federal approval, which must be obtained prior to drilling.

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

FORM 9

SUNDRY NOTICES AND REPORTS ON WELLS

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

1. TYPE OF WELL OIL WELL <input type="checkbox"/> GAS WELL <input checked="" type="checkbox"/> OTHER _____		5. LEASE DESIGNATION AND SERIAL NUMBER: ML - 22313-2
2. NAME OF OPERATOR: Dominion Exploration & Production, Inc.		6. IF INDIAN, ALLOTTEE OR TRIBE NAME: Ute Indian Tribe
3. ADDRESS OF OPERATOR: 14000 Quail Springs CITY Oklahoma City STATE OK ZIP 73134		7. UNIT or CA AGREEMENT NAME: Hill Creek Unit
4. LOCATION OF WELL FOOTAGES AT SURFACE: 740' FSL & 2231' FWL		8. WELL NAME and NUMBER: HCU 13-32F
QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN: SESW ³¹ / ₃₂ 10S 20E		9. API NUMBER: 43-047-35870
COUNTY: Uintah		10. FIELD AND POOL, OR WILDCAT: Natural Buttes
STATE: UTAH		

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

TYPE OF SUBMISSION	TYPE OF ACTION		
<input 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>APD Expiration</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.

The state APD for this well expires August 26, 2005. Dominion is hereby requesting a one year extension.

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

Date: 08-09-05
By: [Signature]

8-11-05
CITD

NAME (PLEASE PRINT) <u>Carla Christian</u>	TITLE <u>Regulatory Specialist</u>
SIGNATURE <u>Carla Christian</u>	DATE <u>8/2/2005</u>

(This space for State use only)

**RECEIVED
AUG 05 2005**

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

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

API: 43-047-35870
Well Name: HCU 13-32F
Location: Section 32-10S-20E, 740' FSL & 2231' FWL
Company Permit Issued to: Dominion Exploration & Production, Inc.
Date Original Permit Issued: 8/26/2004

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

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

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

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

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

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

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

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

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

Carla Christian
Signature

8/3/2005
Date

Title: Regulatory Specialist

Representing: Dominion Exploration & Production, Inc.

**RECEIVED
AUG 05 2005**

DIV. OF OIL, GAS & MINING

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

FORM 3

AMENDED REPORT
(highlight changes)

APPLICATION FOR PERMIT TO DRILL		5. MINERAL LEASE NO: ML-22313-2	6. SURFACE: Indian
1A. TYPE OF WORK: DRILL <input checked="" type="checkbox"/> REENTER <input type="checkbox"/> DEEPEN <input type="checkbox"/>		7. IF INDIAN, ALLOTTEE OR TRIBE NAME: Ute Indian Tribe	
B. TYPE OF WELL: OIL <input type="checkbox"/> GAS <input checked="" type="checkbox"/> OTHER _____ SINGLE ZONE <input checked="" type="checkbox"/> MULTIPLE ZONE <input type="checkbox"/>		8. UNIT or CA AGREEMENT NAME: Hill Creek Unit	
2. NAME OF OPERATOR: Dominion Exploration & Production, Inc.		9. WELL NAME and NUMBER: HCU 13-32F	
3. ADDRESS OF OPERATOR: 14000 Quail Sp Pkwy CITY Oklahoma City STATE OK ZIP 73134		PHONE NUMBER: (405) 749-5263	10. FIELD AND POOL, OR WILDCAT: Natural Buttes
4. LOCATION OF WELL (FOOTAGES) AT SURFACE: 1,507' FSL & 112' FEL, NE/4 SE/4, Section 31, AT PROPOSED PRODUCING ZONE: 660' FSL, 660' FWL, SW/4 SW/4, Section 32,		11. QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN: 10 20 S	
14. DISTANCE IN MILES AND DIRECTION FROM NEAREST TOWN OR POST OFFICE: 13.02 miles south of Ouray, Utah		12. COUNTY: Uintah	13. STATE: UTAH
15. DISTANCE TO NEAREST PROPERTY OR LEASE LINE (FEET) 112'	16. NUMBER OF ACRES IN LEASE: 640	17. NUMBER OF ACRES ASSIGNED TO THIS WELL: 40	
18. DISTANCE TO NEAREST WELL (DRILLING, COMPLETED, OR APPLIED FOR) ON THIS LEASE (FEET) 25'	19. PROPOSED DEPTH: 8,050	20. BOND DESCRIPTION: SITLA Blanket 76S 63050 361	
21. ELEVATIONS (SHOW WHETHER DF, RT, GR, ETC.): 5,324'	22. APPROXIMATE DATE WORK WILL START: 4/15/2006	23. ESTIMATED DURATION: 14 days	

24. PROPOSED CASING AND CEMENTING PROGRAM

SIZE OF HOLE	CASING SIZE, GRADE, AND WEIGHT PER FOOT	SETTING DEPTH	CEMENT TYPE, QUANTITY, YIELD, AND SLURRY WEIGHT
17-1/2"	13-3/8" H-40 ST 48#	500	Class C + 2% CaCl 450 sacks
12-1/4"	9-5/8" J-55 LT 36#	2,800	see Drilling Plan 300/390
7-7/8"	5-1/2" Mav 80 L 17#	8,050	see Drilling Plan 60/540

25. **ATTACHMENTS**

VERIFY THE FOLLOWING ARE ATTACHED IN ACCORDANCE WITH THE UTAH OIL AND GAS CONSERVATION GENERAL RULES:

<input checked="" type="checkbox"/> WELL PLAT OR MAP PREPARED BY LICENSED SURVEYOR OR ENGINEER	<input checked="" type="checkbox"/> COMPLETE DRILLING PLAN
<input type="checkbox"/> EVIDENCE OF DIVISION OF WATER RIGHTS APPROVAL FOR USE OF WATER	<input type="checkbox"/> FORM 5, IF OPERATOR IS PERSON OR COMPANY OTHER THAN THE LEASE OWNER

CONFIDENTIAL

NAME (PLEASE PRINT) Don Hamilton TITLE Agent for Dominion Exploration & Production, Inc.
SIGNATURE Don Hamilton DATE 12/28/2005

(This space for State use only)

API NUMBER ASSIGNED: _____

APPROVAL: _____

ORIGINAL
RECEIVED
JAN 03 2006

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

DOMINION EXPLR. & PROD., INC.

Well location, HCU #13-32F, located as shown in the NE 1/4 SE 1/4 of Section 31, T10S, R20E, S.L.B.&M. Uintah County, Utah.

R
19
E

1928 Brass Cap, 1.3' High, Pile of Stones

1928 Brass Cap, 0.8' High, Pile of Stones

1928 Brass Cap, 0.5' High, Pile of Stones

S89°39'59"E - 3943.58' (Meas.)

N89°36'08"W - 2623.67' (Meas.)

N00°39'35"W - 2662.66' (Meas.)

N00°14'15"E - 2643.03' (Meas.)

LOT 1

LOT 2

NOTE:
THE PROPOSED BOTTOM HOLE FOR THIS WELL IS LOCATED IN THE SW 1/4 SW 1/4 OF SECTION 32, T10S, R20E, S.L.B.&M. AT A DISTANCE OF 660' FSL 660' FWL. IT BEARS S42°18'56"E 1140.65' FROM THE PROPOSED WELL HEAD.

31

S01°10'33"E - 2660.98' (Meas.)

N00°14'51"E - 2648.63' (Meas.)

LOT 3

LOT 4

HCU #13-32F

Elev. Ungraded Ground = 5324'

1507'

112'

T10S

T11S N89°33'34"E - 4131.61' (Meas.)

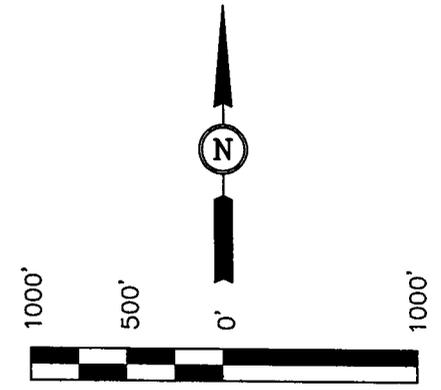
1928 Brass Cap, 1.0' High, Pile of Stones

S88°58'41"E - 2328.33' (Meas.)

1928 Brass Cap, Pile of Stones

BASIS OF ELEVATION

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



SCALE

CERTIFICATE

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

Robert H. Kay
REGISTERED LAND SURVEYOR
REGISTRATION NO. 161319
STATE OF UTAH

BASIS OF BEARINGS

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

(NAD 83)

LATITUDE = 39°54'01.73" (39.900481)

LONGITUDE = 109°41'54.18" (109.698383)

(NAD 27)

LATITUDE = 39°54'01.86" (39.900517)

LONGITUDE = 109°41'51.69" (109.697692)

LEGEND:

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

UINTAH ENGINEERING & LAND SURVEYING

85 SOUTH 200 EAST - VERNAL, UTAH 84078

(435) 789-1017

SCALE 1" = 1000'	DATE SURVEYED: 8-31-05	DATE DRAWN: 9-16-05
PARTY B.B. B.C. K.G.	REFERENCES G.L.O. PLAT	
WEATHER COOL	FILE DOMINION EXPLR. & PROD., INC.	

DRILLING PLAN

APPROVAL OF OPERATIONS

Attachment for Permit to Drill

Name of Operator: Dominion Exploration & Production
Address: 14000 Quail Springs Parkway, Suite 600
Oklahoma City, OK 73134
Well Location: HCU 13-32F
SHL: 1507' FSL & 112' FEL Section 31-10S-20E
BHL: 660' FSL & 660' FWL Section 32-10S-20E
Uintah County, UT

1. GEOLOGIC SURFACE FORMATION Uintah

2. ESTIMATED DEPTHS OF IMPORTANT GEOLOGIC MARKERS

<u>Formation</u>	<u>Depth</u>
Wasatch Tongue	3,765'
Uteland Limestone	4,110'
Wasatch	4,260'
Chapita Wells	5,160'
Uteland Buttes	6,360'
Mesaverde	7,135'

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

<u>Formation</u>	<u>Depth</u>	<u>Type</u>
Wasatch Tongue	3,765'	Oil
Uteland Limestone	4,110'	Oil
Wasatch	4,260'	Gas
Chapita Wells	5,160'	Gas
Uteland Buttes	6,360'	Gas
Mesaverde	7,135'	Gas

4. PROPOSED CASING PROGRAM

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

<u>Type</u>	<u>Size</u>	<u>Weight</u>	<u>Grade</u>	<u>Conn.</u>	<u>Top</u>	<u>Bottom</u>	<u>Hole</u>
Surface	13-3/8"	48.0 ppf	H-40	STC	0'	500'	17-1/2"
Intermediate	9-5/8"	36.0 ppf	J-55	LTC	0'	2,800'	12-1/4"
Production	5-1/2"	17.0 ppf	MAV-80	LTC	0'	8,050'	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.

CONFIDENTIAL

DRILLING PLAN

APPROVAL OF OPERATIONS

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

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

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

6. MUD SYSTEMS

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

<u>Depths</u>	<u>Mud Weight (ppg)</u>	<u>Mud System</u>
0' – 500'	8.4	Air foam mist, no pressure control
500' – 2,800'	8.6	Fresh water, rotating head and diverter
2,800' – 8,050'	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 100' from the wellhead.

8. AUXILIARY EQUIPMENT TO BE USED

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

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

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

10. ANTICIPATED ABNORMAL PRESSURES OR TEMPERATURES EXPECTED

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

11. WATER SUPPLY

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

DRILLING PLAN

APPROVAL OF OPERATIONS

12. CEMENT SYSTEMS

a. Surface Cement:

Drill 17-1/2" hole to 500' and cement 13-3/8" to surface with 450 sks class "C" cement with 2% CaCl₂ and 1/4 #/sk. Polyflake (volume includes 70% excess). Top out as necessary.

b. Intermediate Casing Cement:

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

<u>Type</u>	<u>Sacks</u>	<u>Interval</u>	<u>Density</u>	<u>Yield</u>	<u>Hole</u>	<u>Cement</u>
					<u>Volume</u>	<u>Volume</u>
Lead	300	0'-2,000'	11.0 ppg	3.82 CFS	644 CF	1,128 CF
Tail	390	2,000'-2,800'	15.6 ppg	1.18 CFS	251 CF	439 CF

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

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

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

c. Production Casing Cement:

- Drill 7-7/8" hole to 8,050'±, 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.

<u>Type</u>	<u>Sacks</u>	<u>Interval</u>	<u>Density</u>	<u>Yield</u>	<u>Hole</u>	<u>Cement</u>
					<u>Volume</u>	<u>Volume</u>
Lead	60	3,460'-4,260'	11.5 ppg	3.12 CFS	139 CF	187 CF
Tail	540	4,260'-8,050'	13.0 ppg	1.75 CFS	700 CF	945 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 "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

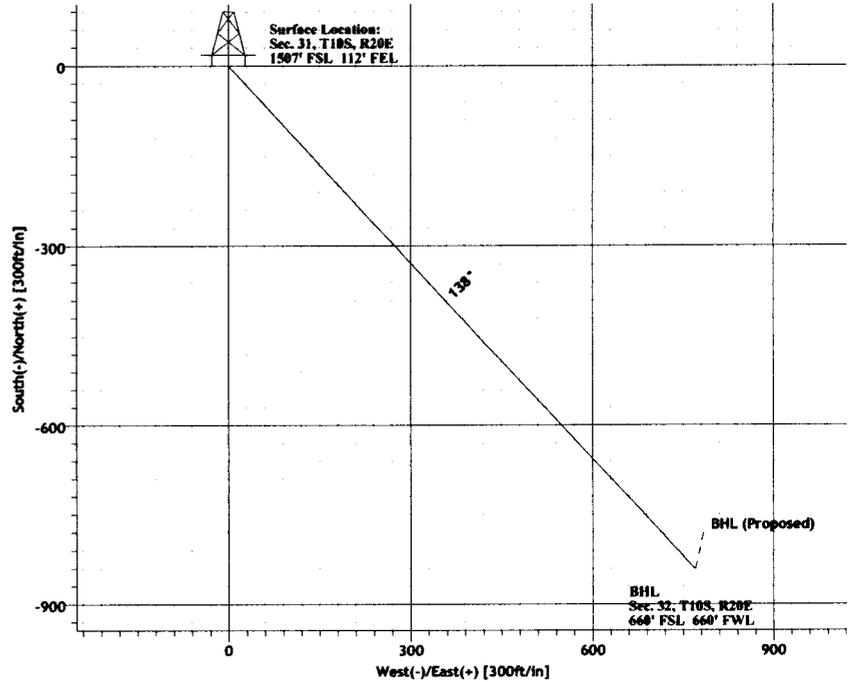
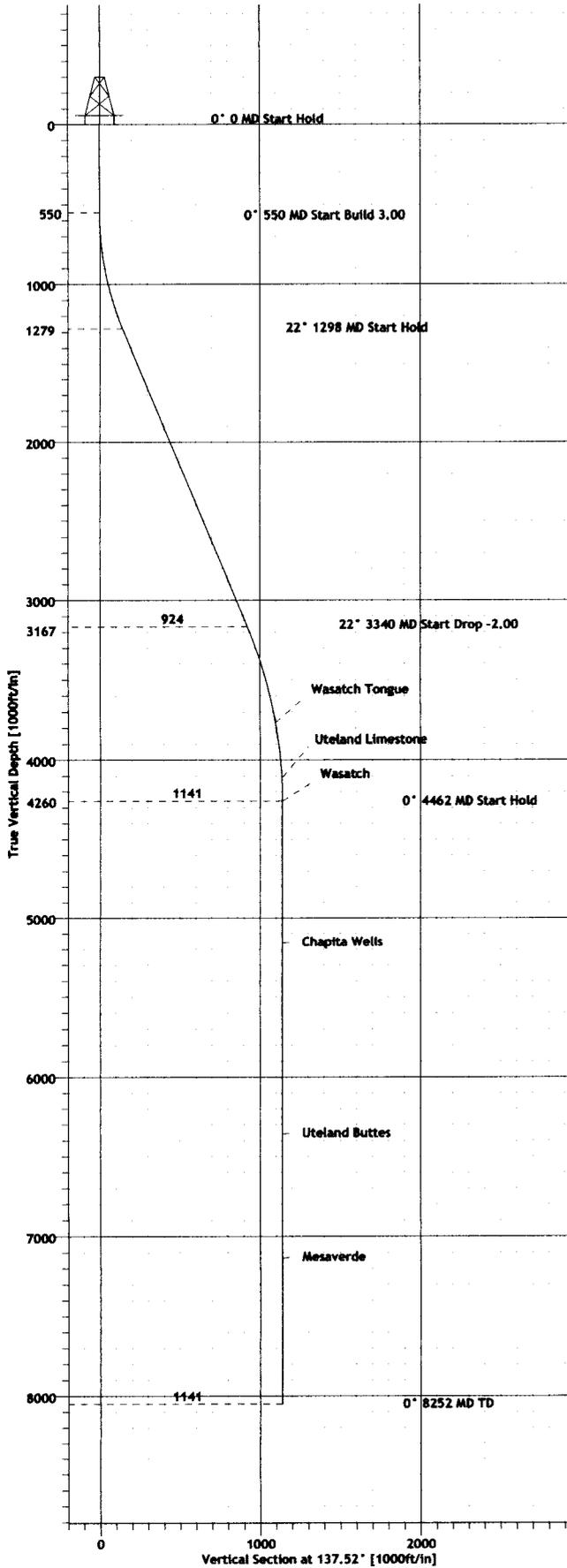
Starting Date: April 15, 2006
Duration: 14 Days



Plan #1

Dominion E & P

Well: HCU 13-32F
 Field: Hill Creek Unit
 Uintah Co. Utah
 Sec. 32, T10S, R20E



SECTION DETAILS

Sec	MD	Inc	Azi	TVD	+N/-S	+E/-W	DLeg	TFace	VSec	Target
1	0.00	0.00	137.52	0.00	0.00	0.00	0.00	0.00	0.00	
2	550.00	0.00	137.52	550.00	0.00	0.00	0.00	137.52	0.00	
3	1297.67	22.43	137.52	1278.72	-106.56	97.58	3.00	137.52	144.49	
4	3340.42	22.43	137.52	3166.92	-681.37	623.98	0.00	0.00	923.91	
5	4461.92	0.00	137.52	4260.00	-841.21	770.35	2.00	180.00	1140.65	
6	8251.92	0.00	137.52	8050.00	-841.21	770.35	0.00	137.52	1140.65	

WELL DETAILS

Name	+N/-S	+E/-W	Northing	Easting	Latitude	Longitude	Slot
HCU 13-32F	0.00	0.00	7137578.39	2145814.31	39°54'01.730N	109°41'54.180W	N/A

FORMATION TOP DETAILS

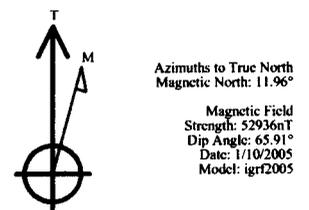
No.	TVDPath	MDPath	Formation
1	3765.00	3964.43	Wasatch Tongue
2	4110.00	4311.85	Uteland Limestone
3	4260.00	4461.92	Wasatch
4	5160.00	5361.92	Chapita Wells
5	6360.00	6561.92	Uteland Buttes
6	7135.00	7336.92	Mesaverde

WELLPATH DETAILS

Rig	Ref. Datum	Origin +N/-S	Origin +E/-W	Starting From TVD
1	est.KB @ 5335'	0.00ft		
V. Section Angle				
137.52°	0.00	0.00	0.00	

REFERENCE INFORMATION

Co-ordinate (N/E) Reference: Site Centre HCU 13-32F, True North
 Vertical (TVD) Reference: est.KB @ 5335' 0.00
 Section (VS) Reference: Site Centre (0.00N,0.00E)
 Measured Depth Reference: est.KB @ 5335' 0.00
 Calculation Method: Minimum Curvature



FIELD DETAILS

Natural Buttes Field
 Uintah County, Utah
 USA

Geodetic System: US State Plane Coordinate System 1983
 Ellipsoid: GRS 1980
 Zone: Utah, Central Zone
 Magnetic Model: igrf2005

System Datum: Mean Sea Level
 Local North: True North

SITE DETAILS

HCU 13-32F
 Hill Creek Unit
 Sec. 32, T10S, R20E

Site Centre Latitude: 39°54'01.730N
 Longitude: 109°41'54.180W

Ground Level: 5318.00
 Positional Uncertainty: 0.00
 Convergence: 1.15



Ryan Energy Technologies Planning Report



Company: Dominion E & P Field: Natural Buttes Field Site: HCU 13-32F Well: HCU 13-32F Wellpath: 1	Date: 12/16/2005 Time: 13:31:07 Page: 1 Co-ordinate(NE) Reference Site: HCU 13-32F, True North Vertical (TVD) Reference est.KB @ 5335' 0.0 Section (VS) Reference: Site (0.00N,0.00E,137.52Azi) Plan: Plan #1 (revised)
--	--

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

Site: HCU 13-32F Hill Creek Unit Sec. 32, T10S, R20E Site Position: From: Geographic Position Uncertainty: 0.00 ft Ground Level: 5318.00 ft	Northing: 7137578.39 ft Latitude: 39 54 1.730 N Easting: 2145814.31 ft Longitude: 109 41 54.180 W North Reference: True Grid Convergence: 1.15 deg
--	---

Well: HCU 13-32F Surface Position: +N/-S 0.00 ft +E/-W 0.00 ft Position Uncertainty: 0.00 ft Reference Point: +N/-S 0.00 ft +E/-W 0.00 ft	Slot Name: Northing: 7137578.39 ft Latitude: 39 54 1.730 N Easting: 2145814.31 ft Longitude: 109 41 54.180 W Northing: 7137578.39 ft Latitude: 39 54 1.730 N Easting: 2145814.31 ft Longitude: 109 41 54.180 W Measured Depth: 0.00 ft Inclination: 0.00 deg Vertical Depth: 0.00 ft Azimuth: 0.00 deg
--	---

Wellpath: 1 Current Datum: est.KB @ 5335' Height 0.00 ft Magnetic Data: 1/10/2005 Field Strength: 52936 nT Vertical Section: Depth From (TVD)	Drilled From: Well Ref. Point Tie-on Depth: 0.00 ft Above System Datum: Mean Sea Level Declination: 11.96 deg Mag Dip Angle: 65.91 deg +E/-W Direction ft deg 0.00 137.52
---	---

Plan: Plan #1 (revised) Principal: Yes	Date Composed: 12/16/2005 Version: 1 Tied-to: From Well Ref. Point
---	---

Plan Section Information										
MD	Incl	Azim	TVD	+N/-S	+E/-W	DLS	Build	Turn	TFO	Target
ft	deg	deg	ft	ft	ft	deg/100ft	deg/100ft	deg/100ft	deg	
0.00	0.00	137.52	0.00	0.00	0.00	0.00	0.00	0.00	0.00	
550.00	0.00	137.52	550.00	0.00	0.00	0.00	0.00	0.00	137.52	
1297.67	22.43	137.52	1278.72	-106.56	97.58	3.00	3.00	0.00	137.52	
3340.42	22.43	137.52	3166.92	-681.37	623.98	0.00	0.00	0.00	0.00	
4461.92	0.00	137.52	4260.00	-841.21	770.35	2.00	-2.00	0.00	180.00	
8251.92	0.00	137.52	8050.00	-841.21	770.35	0.00	0.00	0.00	137.52	

Section 1 : Start Hold										
MD	Incl	Azim	TVD	+N/-S	+E/-W	VS	DLS	Build	Turn	TFO
ft	deg	deg	ft	ft	ft	ft	deg/100ft	deg/100ft	deg/100ft	deg
0.00	0.00	137.52	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
100.00	0.00	137.52	100.00	0.00	0.00	0.00	0.00	0.00	0.00	137.52
200.00	0.00	137.52	200.00	0.00	0.00	0.00	0.00	0.00	0.00	137.52
300.00	0.00	137.52	300.00	0.00	0.00	0.00	0.00	0.00	0.00	137.52
400.00	0.00	137.52	400.00	0.00	0.00	0.00	0.00	0.00	0.00	137.52
500.00	0.00	137.52	500.00	0.00	0.00	0.00	0.00	0.00	0.00	137.52
550.00	0.00	137.52	550.00	0.00	0.00	0.00	0.00	0.00	0.00	137.52

Section 2 : Start Build 3.00										
MD	Incl	Azim	TVD	+N/-S	+E/-W	VS	DLS	Build	Turn	TFO
ft	deg	deg	ft	ft	ft	ft	deg/100ft	deg/100ft	deg/100ft	deg
600.00	1.50	137.52	599.99	-0.48	0.44	0.65	3.00	3.00	0.00	0.00
700.00	4.50	137.52	699.85	-4.34	3.98	5.89	3.00	3.00	0.00	0.00



Ryan Energy Technologies Planning Report



Company: Dominion E & P	Date: 12/16/2005	Time: 13:31:07	Page: 2
Field: Natural Buttes Field	Co-ordinate(NE) Reference Site: HCU 13-32F, True North		
Site: HCU 13-32F	Vertical (TVD) Reference: st.KB @ 5335' 0.0		
Well: HCU 13-32F	Section (VS) Reference: Site (0.00N,0.00E,137.52Azi)		
Wellpath: 1	Plan: Plan #1 (revised)		

Section 2 : Start Build 3.00

MD ft	Incl deg	Azim deg	TVD ft	+N/-S ft	+E/-W ft	VS ft	DLS deg/100ft	Build deg/100ft	Turn deg/100ft	TFO deg
800.00	7.50	137.52	799.29	-12.05	11.03	16.34	3.00	3.00	0.00	0.00
900.00	10.50	137.52	898.04	-23.59	21.60	31.98	3.00	3.00	0.00	0.00
1000.00	13.50	137.52	995.85	-38.92	35.64	52.77	3.00	3.00	0.00	0.00
1100.00	16.50	137.52	1092.43	-58.00	53.12	78.65	3.00	3.00	0.00	0.00
1200.00	19.50	137.52	1187.52	-80.79	73.98	109.55	3.00	3.00	0.00	0.00
1297.67	22.43	137.52	1278.72	-106.56	97.58	144.49	3.00	3.00	0.00	0.00

Section 3 : Start Hold

MD ft	Incl deg	Azim deg	TVD ft	+N/-S ft	+E/-W ft	VS ft	DLS deg/100ft	Build deg/100ft	Turn deg/100ft	TFO deg
1300.00	22.43	137.52	1280.87	-107.21	98.18	145.38	0.00	0.00	0.00	180.00
1400.00	22.43	137.52	1373.31	-135.35	123.95	183.53	0.00	0.00	0.00	180.00
1500.00	22.43	137.52	1465.74	-163.49	149.72	221.69	0.00	0.00	0.00	180.00
1600.00	22.43	137.52	1558.18	-191.63	175.49	259.84	0.00	0.00	0.00	180.00
1700.00	22.43	137.52	1650.61	-219.77	201.26	298.00	0.00	0.00	0.00	180.00
1800.00	22.43	137.52	1743.04	-247.91	227.03	336.16	0.00	0.00	0.00	180.00
1900.00	22.43	137.52	1835.48	-276.05	252.80	374.31	0.00	0.00	0.00	180.00
2000.00	22.43	137.52	1927.91	-304.19	278.57	412.47	0.00	0.00	0.00	180.00
2100.00	22.43	137.52	2020.35	-332.33	304.33	450.62	0.00	0.00	0.00	180.00
2200.00	22.43	137.52	2112.78	-360.47	330.10	488.78	0.00	0.00	0.00	180.00
2300.00	22.43	137.52	2205.22	-388.61	355.87	526.93	0.00	0.00	0.00	180.00
2400.00	22.43	137.52	2297.65	-416.75	381.64	565.09	0.00	0.00	0.00	180.00
2500.00	22.43	137.52	2390.09	-444.89	407.41	603.25	0.00	0.00	0.00	180.00
2600.00	22.43	137.52	2482.52	-473.02	433.18	641.40	0.00	0.00	0.00	180.00
2700.00	22.43	137.52	2574.96	-501.16	458.95	679.56	0.00	0.00	0.00	180.00
2800.00	22.43	137.52	2667.39	-529.30	484.72	717.71	0.00	0.00	0.00	180.00
2900.00	22.43	137.52	2759.82	-557.44	510.49	755.87	0.00	0.00	0.00	180.00
3000.00	22.43	137.52	2852.26	-585.58	536.25	794.02	0.00	0.00	0.00	180.00
3100.00	22.43	137.52	2944.69	-613.72	562.02	832.18	0.00	0.00	0.00	180.00
3200.00	22.43	137.52	3037.13	-641.86	587.79	870.34	0.00	0.00	0.00	180.00
3300.00	22.43	137.52	3129.56	-670.00	613.56	908.49	0.00	0.00	0.00	180.00
3340.42	22.43	137.52	3166.92	-681.37	623.98	923.91	0.00	0.00	0.00	180.00

Section 4 : Start Drop -2.00

MD ft	Incl deg	Azim deg	TVD ft	+N/-S ft	+E/-W ft	VS ft	DLS deg/100ft	Build deg/100ft	Turn deg/100ft	TFO deg
3400.00	21.24	137.52	3222.23	-697.71	638.94	946.07	2.00	-2.00	0.00	180.00
3500.00	19.24	137.52	3316.05	-723.23	662.30	980.66	2.00	-2.00	0.00	180.00
3600.00	17.24	137.52	3411.02	-746.31	683.44	1011.96	2.00	-2.00	0.00	180.00
3700.00	15.24	137.52	3507.03	-766.93	702.32	1039.92	2.00	-2.00	0.00	180.00
3800.00	13.24	137.52	3603.95	-785.06	718.93	1064.52	2.00	-2.00	0.00	180.00
3900.00	11.24	137.52	3701.67	-800.70	733.25	1085.71	2.00	-2.00	0.00	180.00
3964.43	9.95	137.52	3765.00	-809.43	741.25	1097.56	2.00	-2.00	0.00	-180.00
4000.00	9.24	137.52	3800.08	-813.81	745.25	1103.49	2.00	-2.00	0.00	180.00
4100.00	7.24	137.52	3899.04	-824.37	754.93	1117.81	2.00	-2.00	0.00	-180.00
4200.00	5.24	137.52	3998.44	-832.39	762.27	1128.68	2.00	-2.00	0.00	180.00
4300.00	3.24	137.52	4098.16	-837.84	767.26	1136.07	2.00	-2.00	0.00	180.00
4311.85	3.00	137.52	4110.00	-838.31	767.70	1136.72	2.00	-2.00	0.00	180.00
4400.00	1.24	137.52	4198.08	-840.72	769.90	1139.98	2.00	-2.00	0.00	-180.00
4461.92	0.00	137.52	4260.00	-841.21	770.35	1140.65	2.00	-2.00	0.00	-180.00

Section 5 : Start Hold

MD ft	Incl deg	Azim deg	TVD ft	+N/-S ft	+E/-W ft	VS ft	DLS deg/100ft	Build deg/100ft	Turn deg/100ft	TFO deg
4500.00	0.00	137.52	4298.08	-841.21	770.35	1140.65	0.00	0.00	0.00	137.52
4600.00	0.00	137.52	4398.08	-841.21	770.35	1140.65	0.00	0.00	0.00	137.52
4700.00	0.00	137.52	4498.08	-841.21	770.35	1140.65	0.00	0.00	0.00	137.52
4800.00	0.00	137.52	4598.08	-841.21	770.35	1140.65	0.00	0.00	0.00	137.52
4900.00	0.00	137.52	4698.08	-841.21	770.35	1140.65	0.00	0.00	0.00	137.52
5000.00	0.00	137.52	4798.08	-841.21	770.35	1140.65	0.00	0.00	0.00	137.52
5100.00	0.00	137.52	4898.08	-841.21	770.35	1140.65	0.00	0.00	0.00	137.52



Ryan Energy Technologies Planning Report



Company: Dominion E & P Field: Natural Buttes Field Site: HCU 13-32F Well: HCU 13-32F Wellpath: 1	Date: 12/16/2005 Time: 13:31:07 Page: 3 Co-ordinate(NE) Reference: HCU 13-32F, True North Vertical (TVD) Reference: KB @ 5335' 0.0 Section (VS) Reference: Site (0.00N,0.00E,137.52Azi) Plan: Plan #1 (revised)
--	--

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	137.52	4998.08	-841.21	770.35	1140.65	0.00	0.00	0.00	137.52
5300.00	0.00	137.52	5098.08	-841.21	770.35	1140.65	0.00	0.00	0.00	137.52
5361.92	0.00	137.52	5160.00	-841.21	770.35	1140.65	0.00	0.00	0.00	137.52
5400.00	0.00	137.52	5198.08	-841.21	770.35	1140.65	0.00	0.00	0.00	137.52
5500.00	0.00	137.52	5298.08	-841.21	770.35	1140.65	0.00	0.00	0.00	137.52
5600.00	0.00	137.52	5398.08	-841.21	770.35	1140.65	0.00	0.00	0.00	137.52
5700.00	0.00	137.52	5498.08	-841.21	770.35	1140.65	0.00	0.00	0.00	137.52
5800.00	0.00	137.52	5598.08	-841.21	770.35	1140.65	0.00	0.00	0.00	137.52
5900.00	0.00	137.52	5698.08	-841.21	770.35	1140.65	0.00	0.00	0.00	137.52
6000.00	0.00	137.52	5798.08	-841.21	770.35	1140.65	0.00	0.00	0.00	137.52
6100.00	0.00	137.52	5898.08	-841.21	770.35	1140.65	0.00	0.00	0.00	137.52
6200.00	0.00	137.52	5998.08	-841.21	770.35	1140.65	0.00	0.00	0.00	137.52
6300.00	0.00	137.52	6098.08	-841.21	770.35	1140.65	0.00	0.00	0.00	137.52
6400.00	0.00	137.52	6198.08	-841.21	770.35	1140.65	0.00	0.00	0.00	137.52
6500.00	0.00	137.52	6298.08	-841.21	770.35	1140.65	0.00	0.00	0.00	137.52
6561.92	0.00	137.52	6360.00	-841.21	770.35	1140.65	0.00	0.00	0.00	137.52
6600.00	0.00	137.52	6398.08	-841.21	770.35	1140.65	0.00	0.00	0.00	137.52
6700.00	0.00	137.52	6498.08	-841.21	770.35	1140.65	0.00	0.00	0.00	137.52
6800.00	0.00	137.52	6598.08	-841.21	770.35	1140.65	0.00	0.00	0.00	137.52
6900.00	0.00	137.52	6698.08	-841.21	770.35	1140.65	0.00	0.00	0.00	137.52
7000.00	0.00	137.52	6798.08	-841.21	770.35	1140.65	0.00	0.00	0.00	137.52
7100.00	0.00	137.52	6898.08	-841.21	770.35	1140.65	0.00	0.00	0.00	137.52
7200.00	0.00	137.52	6998.08	-841.21	770.35	1140.65	0.00	0.00	0.00	137.52
7300.00	0.00	137.52	7098.08	-841.21	770.35	1140.65	0.00	0.00	0.00	137.52
7336.92	0.00	137.52	7135.00	-841.21	770.35	1140.65	0.00	0.00	0.00	137.52
7400.00	0.00	137.52	7198.08	-841.21	770.35	1140.65	0.00	0.00	0.00	137.52
7500.00	0.00	137.52	7298.08	-841.21	770.35	1140.65	0.00	0.00	0.00	137.52
7600.00	0.00	137.52	7398.08	-841.21	770.35	1140.65	0.00	0.00	0.00	137.52
7700.00	0.00	137.52	7498.08	-841.21	770.35	1140.65	0.00	0.00	0.00	137.52
7800.00	0.00	137.52	7598.08	-841.21	770.35	1140.65	0.00	0.00	0.00	137.52
7900.00	0.00	137.52	7698.08	-841.21	770.35	1140.65	0.00	0.00	0.00	137.52
8000.00	0.00	137.52	7798.08	-841.21	770.35	1140.65	0.00	0.00	0.00	137.52
8100.00	0.00	137.52	7898.08	-841.21	770.35	1140.65	0.00	0.00	0.00	137.52
8200.00	0.00	137.52	7998.08	-841.21	770.35	1140.65	0.00	0.00	0.00	137.52
8251.92	0.00	137.52	8050.00	-841.21	770.35	1140.65	0.00	0.00	0.00	137.52

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	137.52	0.00	0.00	0.00	0.00	0.00	0.00	0.00	
100.00	0.00	137.52	100.00	0.00	0.00	0.00	0.00	0.00	0.00	
200.00	0.00	137.52	200.00	0.00	0.00	0.00	0.00	0.00	0.00	
300.00	0.00	137.52	300.00	0.00	0.00	0.00	0.00	0.00	0.00	
400.00	0.00	137.52	400.00	0.00	0.00	0.00	0.00	0.00	0.00	
500.00	0.00	137.52	500.00	0.00	0.00	0.00	0.00	0.00	0.00	
550.00	0.00	137.52	550.00	0.00	0.00	0.00	0.00	0.00	0.00	KOP
600.00	1.50	137.52	599.99	-0.48	0.44	0.65	3.00	3.00	0.00	
700.00	4.50	137.52	699.85	-4.34	3.98	5.89	3.00	3.00	0.00	
800.00	7.50	137.52	799.29	-12.05	11.03	16.34	3.00	3.00	0.00	
900.00	10.50	137.52	898.04	-23.59	21.60	31.98	3.00	3.00	0.00	
1000.00	13.50	137.52	995.85	-38.92	35.64	52.77	3.00	3.00	0.00	
1100.00	16.50	137.52	1092.43	-58.00	53.12	78.65	3.00	3.00	0.00	
1200.00	19.50	137.52	1187.52	-80.79	73.98	109.55	3.00	3.00	0.00	
1297.67	22.43	137.52	1278.72	-106.56	97.58	144.49	3.00	3.00	0.00	
1300.00	22.43	137.52	1280.87	-107.21	98.18	145.38	0.00	0.00	0.00	
1400.00	22.43	137.52	1373.31	-135.35	123.95	183.53	0.00	0.00	0.00	
1500.00	22.43	137.52	1465.74	-163.49	149.72	221.69	0.00	0.00	0.00	
1600.00	22.43	137.52	1558.18	-191.63	175.49	259.84	0.00	0.00	0.00	
1700.00	22.43	137.52	1650.61	-219.77	201.26	298.00	0.00	0.00	0.00	



Ryan Energy Technologies Planning Report



Company: Dominion E & P	Date: 12/16/2005	Time: 13:31:07	Page: 4
Field: Natural Buttes Field	Co-ordinate(NE) Reference Site: HCU 13-32F, True North		
Site: HCU 13-32F	Vertical (TVD) Reference: KB @ 5335' 0.0		
Well: HCU 13-32F	Section (VS) Reference: Site (0.00N,0.00E,137.52Azi)		
Wellpath: 1	Plan: Plan #1 (revised)		

Survey

MD ft	Incl deg	Azim deg	TVD ft	+N/-S ft	+E/-W ft	VS ft	DLS deg/100ft	Build deg/100ft	Turn deg/100ft	Tool/Comment
1800.00	22.43	137.52	1743.04	-247.91	227.03	336.16	0.00	0.00	0.00	
1900.00	22.43	137.52	1835.48	-276.05	252.80	374.31	0.00	0.00	0.00	
2000.00	22.43	137.52	1927.91	-304.19	278.57	412.47	0.00	0.00	0.00	
2100.00	22.43	137.52	2020.35	-332.33	304.33	450.62	0.00	0.00	0.00	
2200.00	22.43	137.52	2112.78	-360.47	330.10	488.78	0.00	0.00	0.00	
2300.00	22.43	137.52	2205.22	-388.61	355.87	526.93	0.00	0.00	0.00	
2400.00	22.43	137.52	2297.65	-416.75	381.64	565.09	0.00	0.00	0.00	
2500.00	22.43	137.52	2390.09	-444.89	407.41	603.25	0.00	0.00	0.00	
2600.00	22.43	137.52	2482.52	-473.02	433.18	641.40	0.00	0.00	0.00	
2700.00	22.43	137.52	2574.96	-501.16	458.95	679.56	0.00	0.00	0.00	
2800.00	22.43	137.52	2667.39	-529.30	484.72	717.71	0.00	0.00	0.00	
2900.00	22.43	137.52	2759.82	-557.44	510.49	755.87	0.00	0.00	0.00	
3000.00	22.43	137.52	2852.26	-585.58	536.25	794.02	0.00	0.00	0.00	
3100.00	22.43	137.52	2944.69	-613.72	562.02	832.18	0.00	0.00	0.00	
3200.00	22.43	137.52	3037.13	-641.86	587.79	870.34	0.00	0.00	0.00	
3300.00	22.43	137.52	3129.56	-670.00	613.56	908.49	0.00	0.00	0.00	
3340.42	22.43	137.52	3166.92	-681.37	623.98	923.91	0.00	0.00	0.00	
3400.00	21.24	137.52	3222.23	-697.71	638.94	946.07	2.00	-2.00	0.00	
3500.00	19.24	137.52	3316.05	-723.23	662.30	980.66	2.00	-2.00	0.00	
3600.00	17.24	137.52	3411.02	-746.31	683.44	1011.96	2.00	-2.00	0.00	
3700.00	15.24	137.52	3507.03	-766.93	702.32	1039.92	2.00	-2.00	0.00	
3800.00	13.24	137.52	3603.95	-785.06	718.93	1064.52	2.00	-2.00	0.00	
3900.00	11.24	137.52	3701.67	-800.70	733.25	1085.71	2.00	-2.00	0.00	
3964.43	9.95	137.52	3765.00	-809.43	741.25	1097.56	2.00	-2.00	0.00	Wasatch Tongue
4000.00	9.24	137.52	3800.08	-813.81	745.25	1103.49	2.00	-2.00	0.00	
4100.00	7.24	137.52	3899.04	-824.37	754.93	1117.81	2.00	-2.00	0.00	
4200.00	5.24	137.52	3998.44	-832.39	762.27	1128.68	2.00	-2.00	0.00	
4300.00	3.24	137.52	4098.16	-837.84	767.26	1136.07	2.00	-2.00	0.00	
4311.85	3.00	137.52	4110.00	-838.31	767.70	1136.72	2.00	-2.00	0.00	Uteland Limestone
4400.00	1.24	137.52	4198.08	-840.72	769.90	1139.98	2.00	-2.00	0.00	
4461.92	0.00	137.52	4260.00	-841.21	770.35	1140.65	2.00	-2.00	0.00	Wasatch
4500.00	0.00	137.52	4298.08	-841.21	770.35	1140.65	0.00	0.00	0.00	
4600.00	0.00	137.52	4398.08	-841.21	770.35	1140.65	0.00	0.00	0.00	
4700.00	0.00	137.52	4498.08	-841.21	770.35	1140.65	0.00	0.00	0.00	
4800.00	0.00	137.52	4598.08	-841.21	770.35	1140.65	0.00	0.00	0.00	
4900.00	0.00	137.52	4698.08	-841.21	770.35	1140.65	0.00	0.00	0.00	
5000.00	0.00	137.52	4798.08	-841.21	770.35	1140.65	0.00	0.00	0.00	
5100.00	0.00	137.52	4898.08	-841.21	770.35	1140.65	0.00	0.00	0.00	
5200.00	0.00	137.52	4998.08	-841.21	770.35	1140.65	0.00	0.00	0.00	
5300.00	0.00	137.52	5098.08	-841.21	770.35	1140.65	0.00	0.00	0.00	
5361.92	0.00	137.52	5160.00	-841.21	770.35	1140.65	0.00	0.00	0.00	Chapita Wells
5400.00	0.00	137.52	5198.08	-841.21	770.35	1140.65	0.00	0.00	0.00	
5500.00	0.00	137.52	5298.08	-841.21	770.35	1140.65	0.00	0.00	0.00	
5600.00	0.00	137.52	5398.08	-841.21	770.35	1140.65	0.00	0.00	0.00	
5700.00	0.00	137.52	5498.08	-841.21	770.35	1140.65	0.00	0.00	0.00	
5800.00	0.00	137.52	5598.08	-841.21	770.35	1140.65	0.00	0.00	0.00	
5900.00	0.00	137.52	5698.08	-841.21	770.35	1140.65	0.00	0.00	0.00	
6000.00	0.00	137.52	5798.08	-841.21	770.35	1140.65	0.00	0.00	0.00	
6100.00	0.00	137.52	5898.08	-841.21	770.35	1140.65	0.00	0.00	0.00	
6200.00	0.00	137.52	5998.08	-841.21	770.35	1140.65	0.00	0.00	0.00	
6300.00	0.00	137.52	6098.08	-841.21	770.35	1140.65	0.00	0.00	0.00	
6400.00	0.00	137.52	6198.08	-841.21	770.35	1140.65	0.00	0.00	0.00	
6500.00	0.00	137.52	6298.08	-841.21	770.35	1140.65	0.00	0.00	0.00	
6561.92	0.00	137.52	6360.00	-841.21	770.35	1140.65	0.00	0.00	0.00	Uteland Buttes



Ryan Energy Technologies Planning Report



Company: Dominion E & P Field: Natural Buttes Field Site: HCU 13-32F Well: HCU 13-32F Wellpath: 1	Date: 12/16/2005 Time: 13:31:07 Page: 5 Co-ordinate(NE) Reference: Site: HCU 13-32F, True North Vertical (TVD) Reference: est.KB @ 5335' 0.0 Section (VS) Reference: Site (0.00N,0.00E,137.52Azi) Plan: Plan #1 (revised)
--	--

Survey

MD ft	Incl deg	Azim deg	TVD ft	+N/-S ft	+E/-W ft	VS ft	DLS deg/100ft	Build deg/100ft	Turn deg/100ft	Tool/Comment
6600.00	0.00	137.52	6398.08	-841.21	770.35	1140.65	0.00	0.00	0.00	
6700.00	0.00	137.52	6498.08	-841.21	770.35	1140.65	0.00	0.00	0.00	
6800.00	0.00	137.52	6598.08	-841.21	770.35	1140.65	0.00	0.00	0.00	
6900.00	0.00	137.52	6698.08	-841.21	770.35	1140.65	0.00	0.00	0.00	
7000.00	0.00	137.52	6798.08	-841.21	770.35	1140.65	0.00	0.00	0.00	
7100.00	0.00	137.52	6898.08	-841.21	770.35	1140.65	0.00	0.00	0.00	
7200.00	0.00	137.52	6998.08	-841.21	770.35	1140.65	0.00	0.00	0.00	
7300.00	0.00	137.52	7098.08	-841.21	770.35	1140.65	0.00	0.00	0.00	
7336.92	0.00	137.52	7135.00	-841.21	770.35	1140.65	0.00	0.00	0.00	Mesaverde
7400.00	0.00	137.52	7198.08	-841.21	770.35	1140.65	0.00	0.00	0.00	
7500.00	0.00	137.52	7298.08	-841.21	770.35	1140.65	0.00	0.00	0.00	
7600.00	0.00	137.52	7398.08	-841.21	770.35	1140.65	0.00	0.00	0.00	
7700.00	0.00	137.52	7498.08	-841.21	770.35	1140.65	0.00	0.00	0.00	
7800.00	0.00	137.52	7598.08	-841.21	770.35	1140.65	0.00	0.00	0.00	
7900.00	0.00	137.52	7698.08	-841.21	770.35	1140.65	0.00	0.00	0.00	
8000.00	0.00	137.52	7798.08	-841.21	770.35	1140.65	0.00	0.00	0.00	
8100.00	0.00	137.52	7898.08	-841.21	770.35	1140.65	0.00	0.00	0.00	
8200.00	0.00	137.52	7998.08	-841.21	770.35	1140.65	0.00	0.00	0.00	
8251.92	0.00	137.52	8050.00	-841.21	770.35	1140.65	0.00	0.00	0.00	BHL (Proposed)

Formations

MD ft	TVD ft	Formations	Lithology	Dip Angle deg	Dip Direction deg
3964.43	3765.00	Wasatch Tongue		0.00	0.00
4311.85	4110.00	Uteland Limestone		0.00	0.00
4461.92	4260.00	Wasatch		0.00	0.00
5361.92	5160.00	Chapita Wells		0.00	0.00
6561.92	6360.00	Uteland Buttes		0.00	0.00
7336.92	7135.00	Mesaverde		0.00	0.00

Annotation

MD ft	TVD ft	
550.00	550.00	KOP
8251.92	8050.00	BHL (Proposed)

SURFACE USE PLAN

CONDITIONS OF APPROVAL

Attachment for Permit to Drill

Name of Operator: Dominion Exploration & Production
Address: 14000 Quail Springs Parkway, Suite 600
Oklahoma City, OK 73134
Well Location: HCU 13-32F
SHL: 1507' FSL & 112' FEL Section 31-10S-20E
BHL: 660' FSL & 660' FWL Section 32-10S-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 Division of Oil, Gas and Mining onsite inspection is pending at this time.

The tribal onsite inspection for the referenced well was conducted on Wednesday, November 9, 2005 at approximately 12:10 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.
David Weston	Engineer	Uintah Engineering & Land Surveying
Randy Jackson	Foreman	Jackson Construction
Erik LaRose	Foreman	La Rose Construction
Don Hamilton	Agent	Buys & Associates, Inc.

1. Existing Roads:

- a. The proposed well site is located approximately 13.02 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. From the existing HCU 9-31F and 10-31F access road an access is proposed trending east approximately 0.5 miles to the proposed well site. The access consists of entirely new disturbance and crosses no significant drainages.
- b. A road design plan is not anticipated at this time.
- c. The proposed access road will consist of a 24' travel surface within a 30' disturbed area across tribal lands.
- d. BLM approval to construct and utilize the proposed access road is requested with this application.
- e. A maximum grade of 10% will be maintained throughout the project with minor cuts and fills required to access the well.
- f. No turnouts are proposed since the access road is only 0.5 miles long and adequate site distance exists in all directions.
- g. No low water crossings and no culverts are anticipated. Adequate drainage structures will be incorporated into the road.
- h. No surfacing material will come from federal or Indian lands.
- i. No gates or cattle guards are anticipated at this time.
- j. Surface disturbance and vehicular travel will be limited to the approved location access road.
- k. All access roads and surface disturbing activities will conform to the standards outlined in the Bureau of Land Management and Forest Service publication: Surface Operating Standards for Oil and Gas Exploration and Development, (1989).
- l. The operator will be responsible for all maintenance of the access road including drainage structures.

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. A gas pipeline is associated with this application and is being applied for at this time. The proposed gas pipeline corridor will leave the southwest side of the well site and traverse 2,753' west to the existing pipeline corridor that services the HCU 9-31F and HCU 10-31F. The pipeline crosses entirely tribal surface.
- i. The new gas pipeline will be a 6" or less steel surface line within a 20' wide utility corridor. The use of the proposed well site and access roads will facilitate the staging of the pipeline construction. A new pipeline length of approximately 2,753' is associated with this well.
- j. Dominion intends on installing the pipeline on the surface by welding many joints into long lengths, dragging the long lengths into position and then completing a final welding pass to join the long lengths together. Dominion intends on connecting the pipeline together utilizing conventional welding technology.

5. Location and Type of Water Supply:

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

6. Source of Construction Material:

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

7. Methods of Handling Waste Disposal:

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

10. Plans for Restoration of the Surface:

- a. Site reclamation for a producing well will be accomplished for portions of the site not required for the continued operation of the well.
- b. The Operator will control noxious weeds along access road use authorizations, pipeline route authorizations, well sites, or other applicable facilities by spraying or mechanical removal. A list of noxious weeds may be obtained from the BLM or the appropriate County Extension Office. On Tribal administered land, it is required that a Pesticide Use Proposal be submitted and approved prior to the application of herbicides, pesticides or possibly hazardous chemicals.
- c. Upon well completion, any hydrocarbons in the pit shall be removed in accordance with 43 CFR 3162.7-1. Once the reserve pit is dry, the plastic nylon reinforced liner shall be torn and perforated before backfilling of the reserve pit. The reserve pit and that portion of the

location not needed for production facilities/operations will be recontoured to the approximate natural contours.

- d. The cut and fill slopes and all other disturbed areas not needed for the production operation will be top soiled and re-vegetated. The stockpiled topsoil will be evenly distributed over the disturbed area.
- e. Prior to reseeding the site, all disturbed areas, including the access road, will be scarified and left with a rough surface. The site will then be seeded and/or planted as prescribed by the Ute Indian Tribe. The Ute Indian Tribe recommended seed mix will be detailed within their approval documents.

11. Surface and Mineral Ownership:

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

12. Other Information:

- a. AIA Archaeological has conducted a Class III archeological survey. A copy of the report has been submitted under separate cover to the appropriate agencies by AIA Archaeological.
- b. Alden Hamblin has conducted a paleontological survey. A copy of the report has been submitted under separate cover to the appropriate agencies by Alden Hamblin.
- c. Our understanding of the results of the onsite inspection are:
 - a. No Threatened and Endangered flora and fauna species were found during the onsite inspection.
 - b. No drainage crossings that require additional State or Federal approval are being crossed.
 - c. **Corner B will be rounded to avoid excessive fill.**
 - d. **The stockpile will be moved towards corner A.**

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: 12-28-05

ORIGINAL

DOMINION EXPLR. & PROD., INC.

HCU #16-31F, 13-32F, & 12-32F

LOCATED IN UINTAH COUNTY, UTAH

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

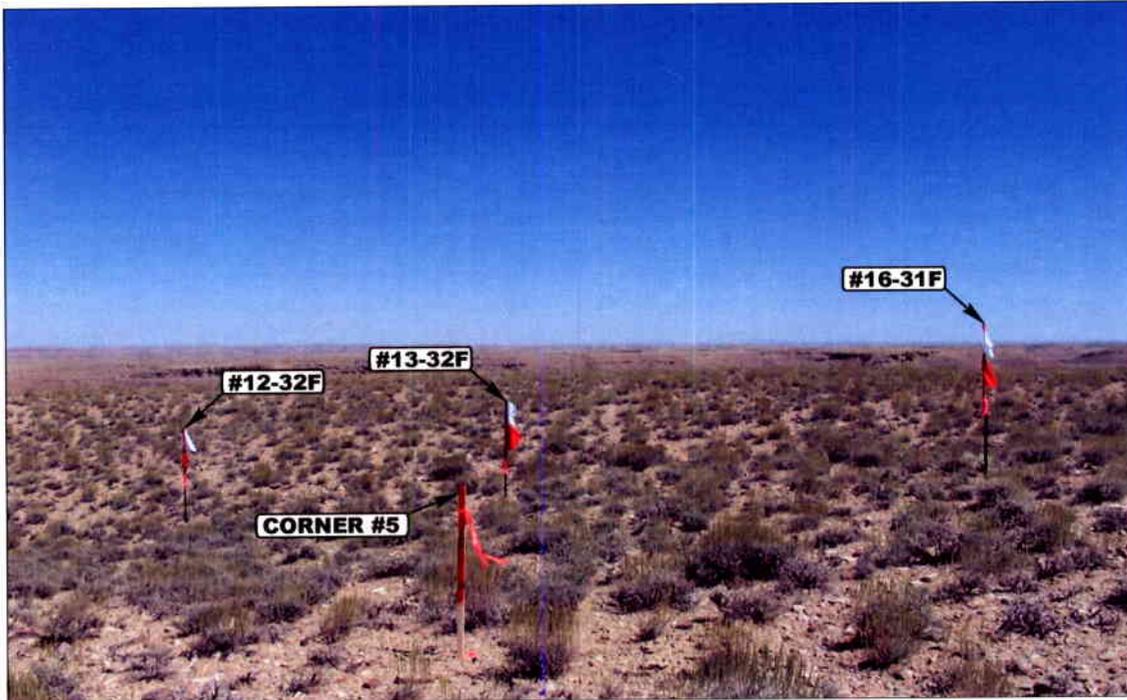


PHOTO: VIEW FROM CORNER #5 TO LOCATION STAKE

CAMERA ANGLE: SOUTHEASTERLY



PHOTO: VIEW FROM BEGINNING OF PROPOSED ACCESS

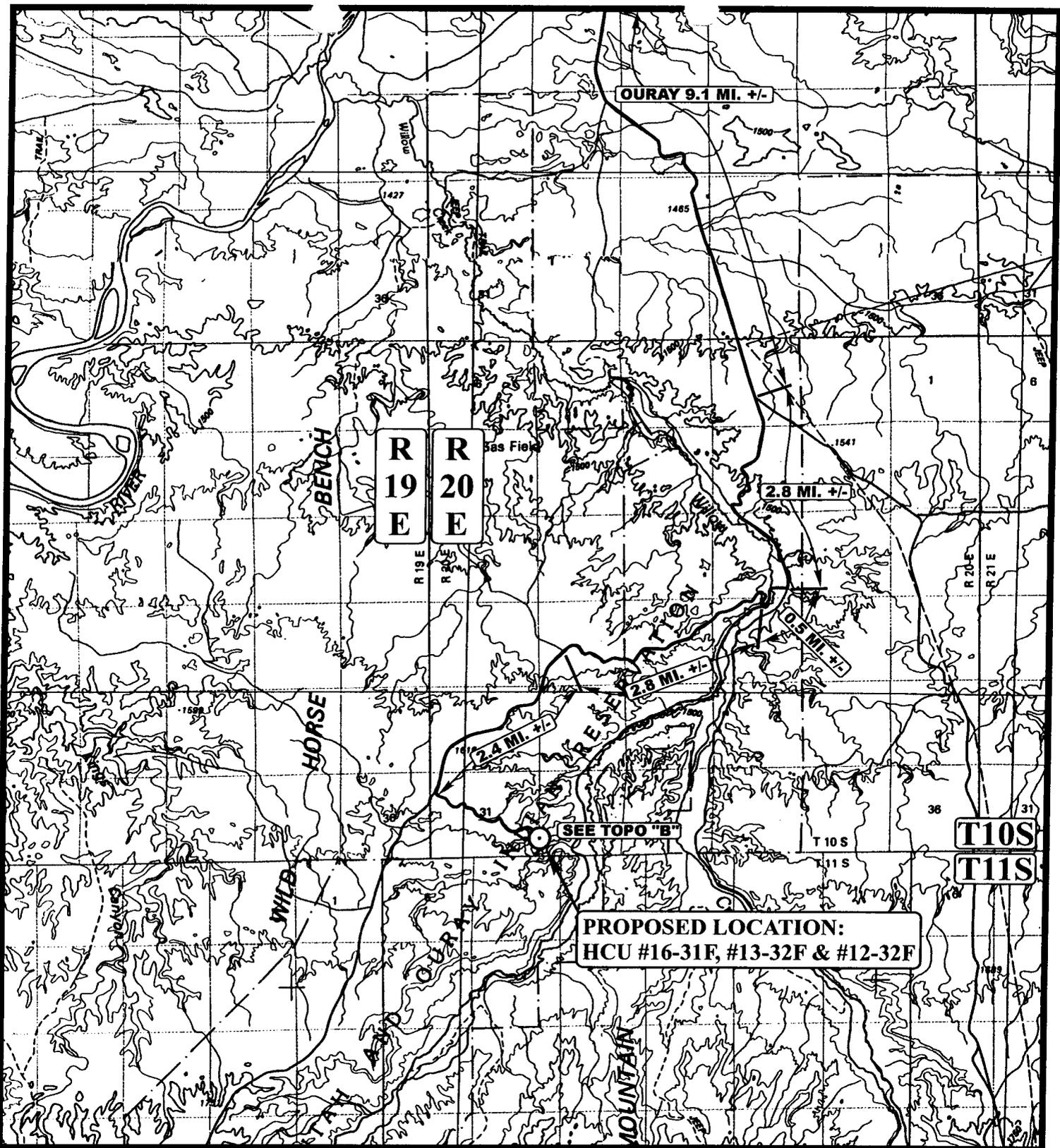
CAMERA ANGLE: SOUTHEASTERLY



- Since 1964 -

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

LOCATION PHOTOS			09	01	05	PHOTO
			MONTH	DAY	YEAR	
TAKEN BY: B.B.	DRAWN BY: C.H.	REVISED: 00-00-00				



LEGEND:

⊙ PROPOSED LOCATION

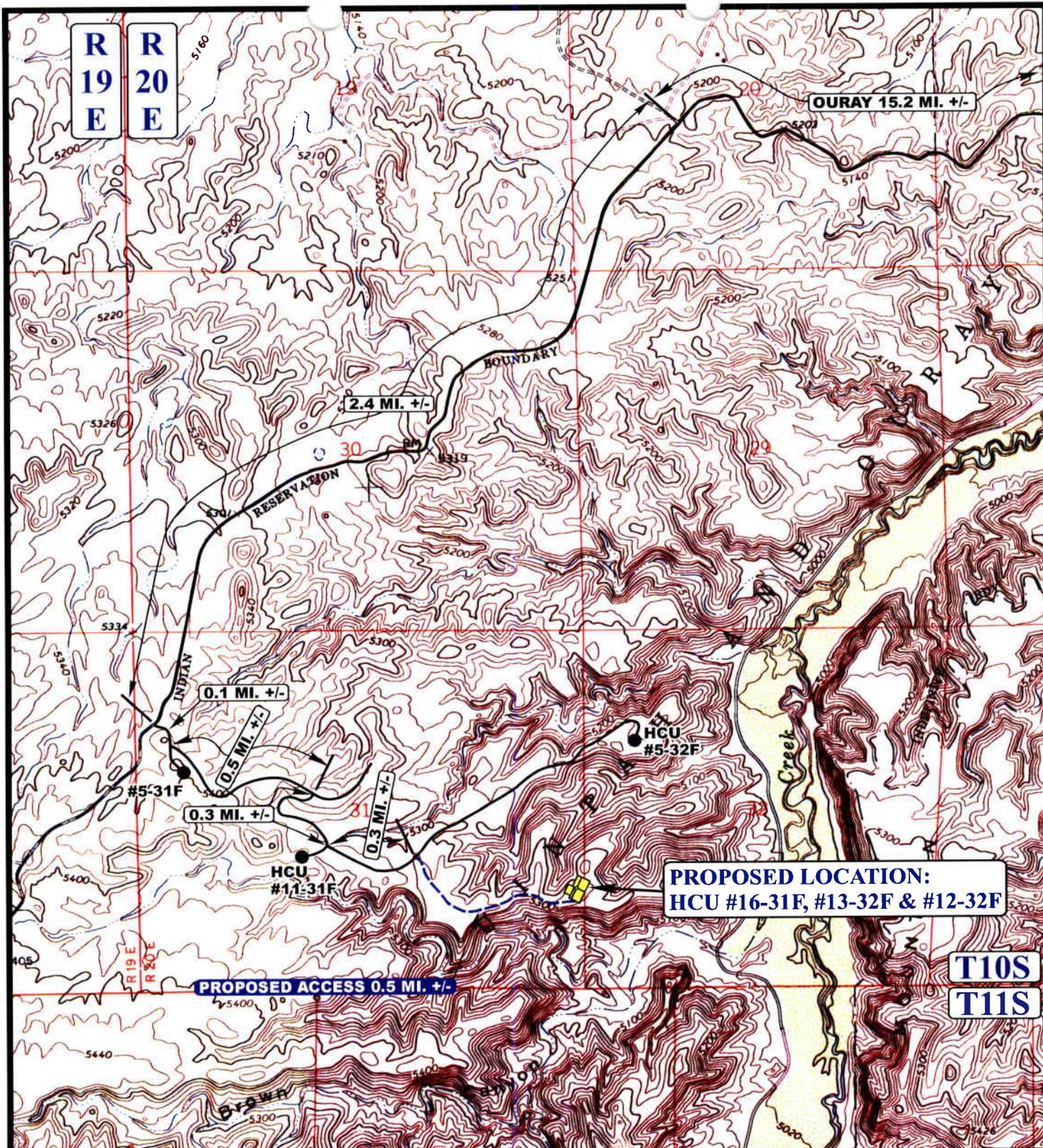
DOMINION EXPLR. & PROD., INC.

HCU #16-31F, #13-32F & #12-32F
 SECTION 31, T10S, R20E, S.L.B.&M.
 NE 1/4 SE 1/4

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



TOPOGRAPHIC 09 01 05
 M A P MONTH DAY YEAR
 SCALE: 1:100,000 DRAWN BY: C.H. REVISED: 00-00-00 **A**
 TOPO



LEGEND:

- EXISTING ROAD
- PROPOSED ACCESS ROAD
- PROPOSED ROAD REROUTE

DOMINION EXPLR. & PROD., INC.

HCU #16-31F, #13-32F & #12-32F
 SECTION 31, T10S, R20E, S.L.B.&M.
 NE 1/4 SE 1/4

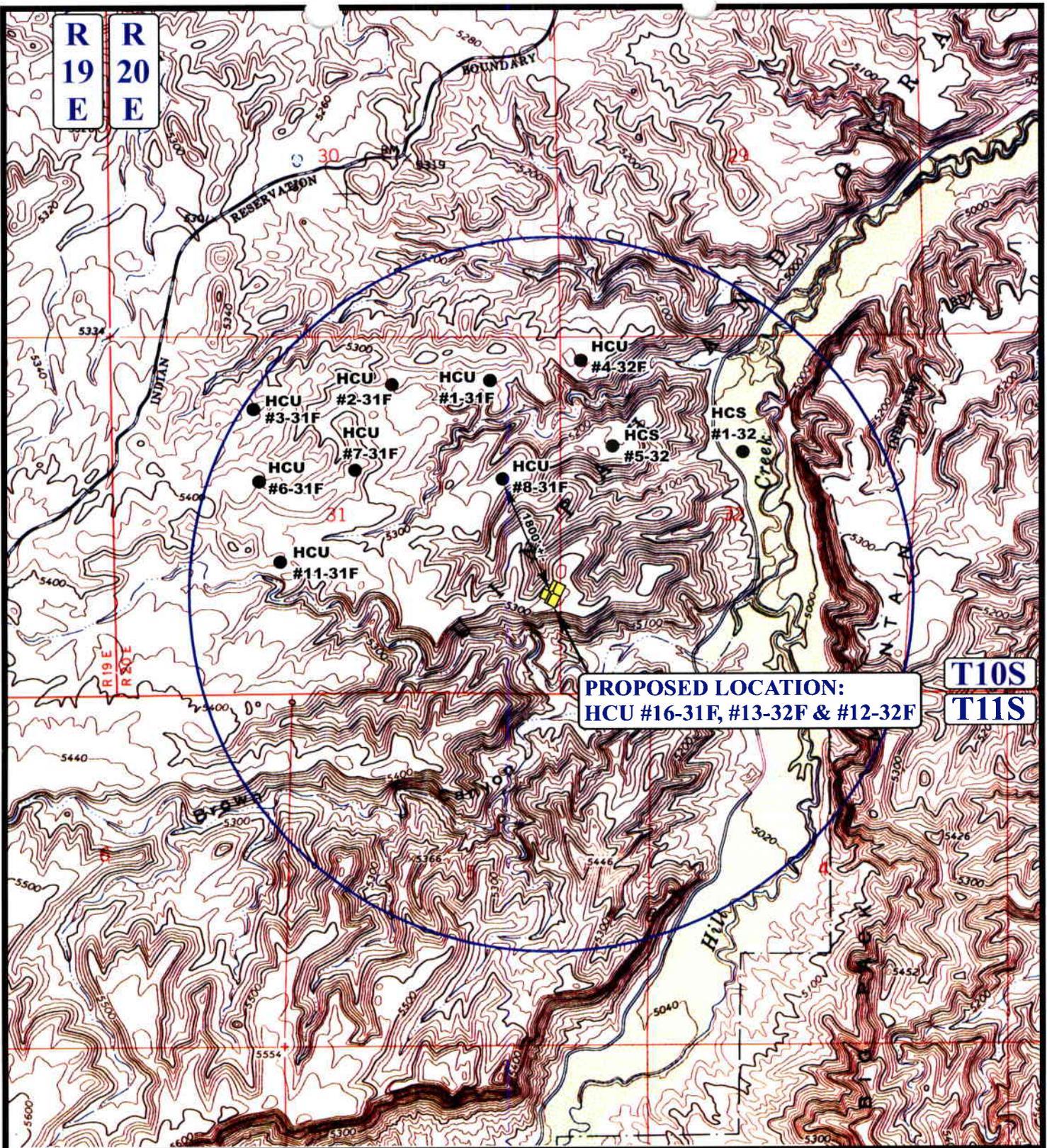


Uintah Engineering & Land Surveying
 85 South 200 East Vernal, Utah 84078
 (435) 789-1017 * FAX (435) 789-1813



TOPOGRAPHIC MAP 09 01 05
 MONTH DAY YEAR
 SCALE: 1" = 2000' DRAWN BY: C.H. REVISED: 00-00-00





**PROPOSED LOCATION:
HCU #16-31F, #13-32F & #12-32F**

**T10S
T11S**

LEGEND:

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

DOMINION EXPLR. & PROD., INC.

**HCU #16-31F, #13-32F & #12-32F
SECTION 31, T10S, R20E, S.L.B.&M.
NE 1/4 SE 1/4**



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

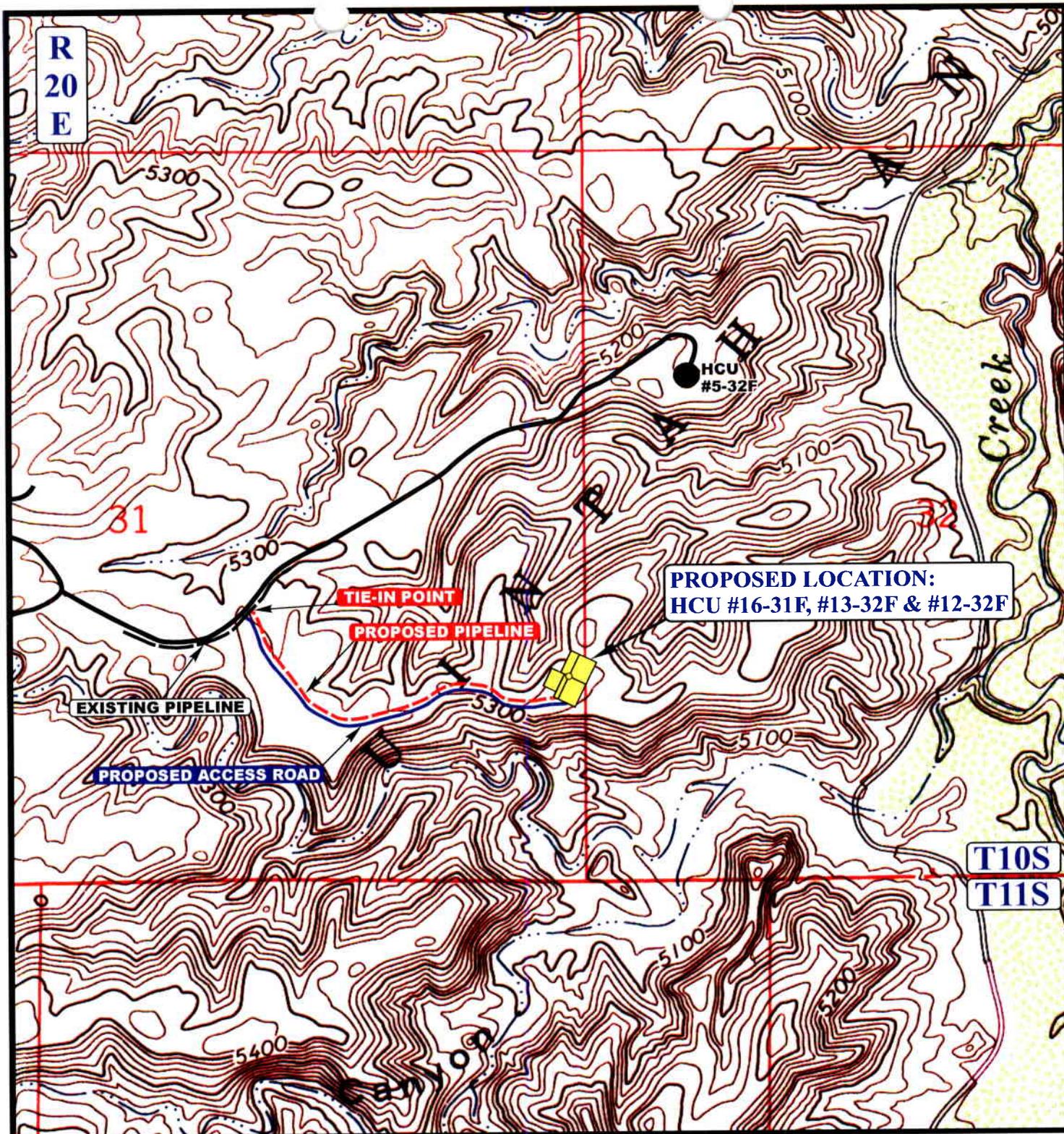


**TOPOGRAPHIC
MAP**

09 01 05
MONTH DAY YEAR

SCALE: 1" = 2000' DRAWN BY: C.H. REVISED: 00-00-00





**PROPOSED LOCATION:
HCU #16-31F, #13-32F & #12-32F**

APPROXIMATE TOTAL PIPELINE DISTANCE = 2753' +/-

LEGEND:

-  PROPOSED ACCESS ROAD
-  EXISTING PIPELINE
-  PROPOSED PIPELINE

DOMINION EXPLR. & PROD., INC.

**HCU #16-31F, #13-32F & #12-32F
SECTION 31, T10S, R20E, S.L.B.&M.
NE 1/4 SE 1/4**



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



**TOPOGRAPHIC
MAP**

09 01 05
MONTH DAY YEAR

SCALE: 1" = 1000' DRAWN BY: C.H. REVISED: 00-00-00

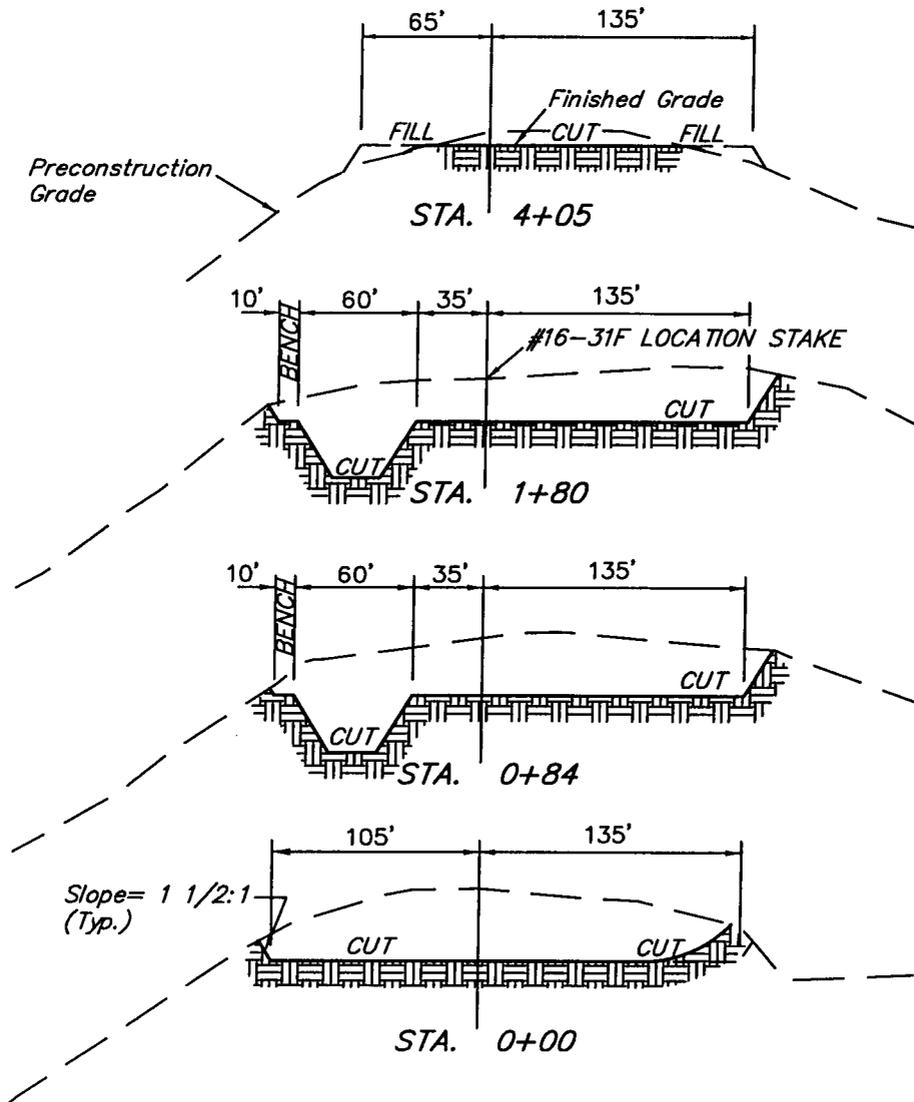


DOMINION EXPLR. & PROD., INC.

TYPICAL CROSS SECTIONS FOR

HCU #16-31F, #13-32F & #12-32F
SECTION 31, T10S, R20E, S.L.B.&M.
NE 1/4 SE 1/4

1" = 40'
X-Section
Scale
1" = 100'
DATE: 9-16-05
Drawn By: K.G.



APPROXIMATE YARDAGES

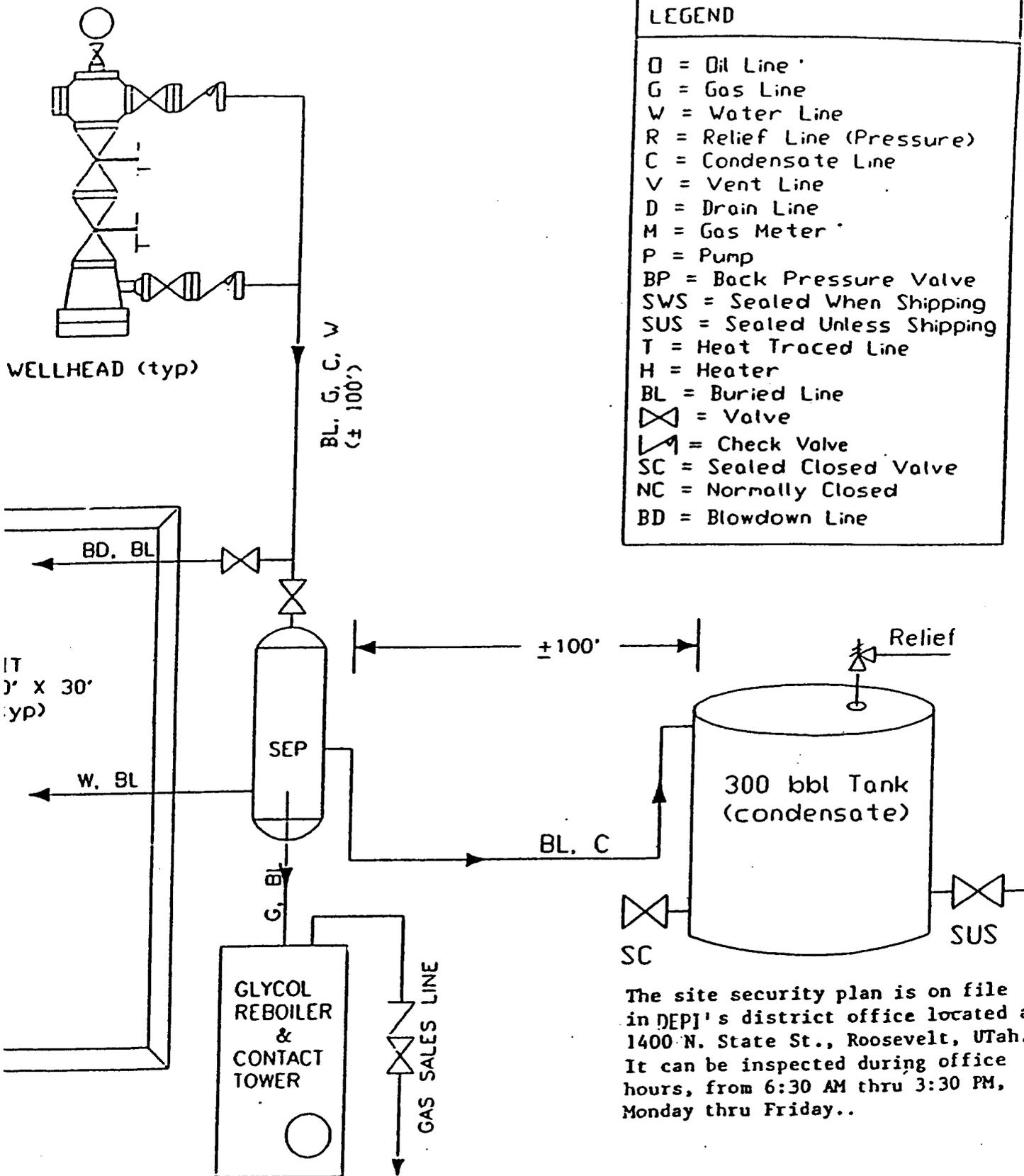
CUT	
(12") Topsoil Stripping	= 4,100 Cu. Yds.
Remaining Location	= 28,050 Cu. Yds.
TOTAL CUT	= 32,150 CU.YDS.
FILL	= 3,540 CU.YDS.

* NOTE:
FILL QUANTITY INCLUDES
5% FOR COMPACTION

EXCESS MATERIAL	= 28,610 Cu. Yds.
Topsoil & Pit Backfill (1/2 Pit Vol.)	= 6,050 Cu. Yds.
EXCESS UNBALANCE (After Rehabilitation)	= 22,560 Cu. Yds.

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

CONFIDENTIAL



LEGEND

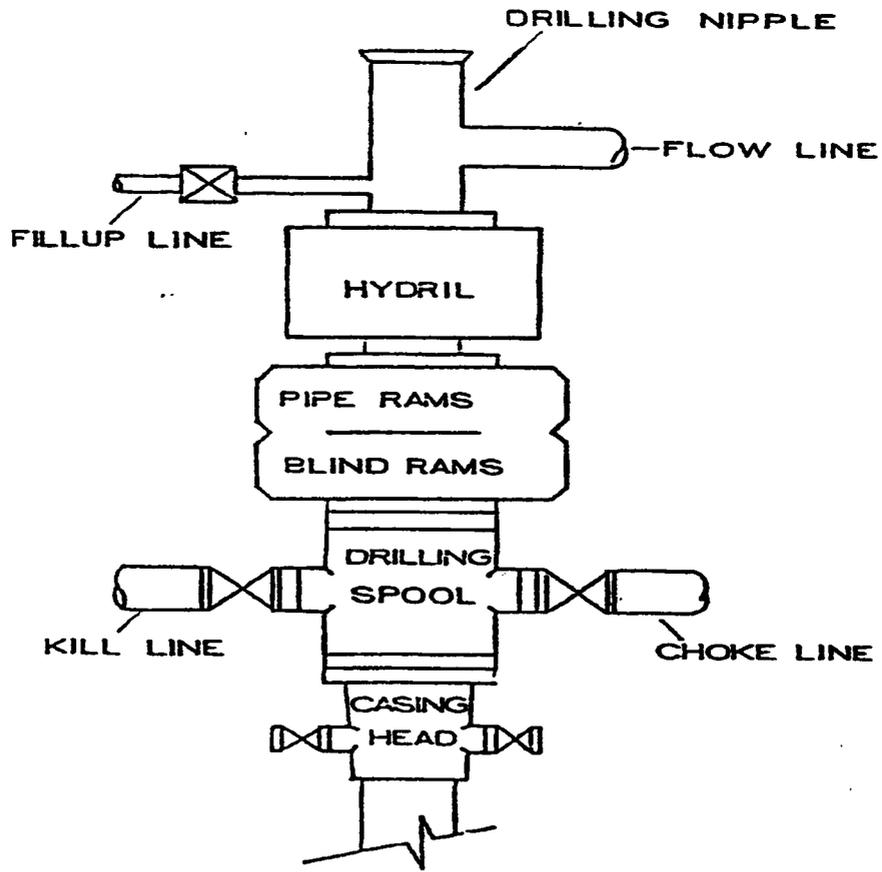
- O = Oil Line
- G = Gas Line
- W = Water Line
- R = Relief Line (Pressure)
- C = Condensate Line
- V = Vent Line
- D = Drain Line
- M = Gas Meter
- P = Pump
- BP = Back Pressure Valve
- SWS = Sealed When Shipping
- SUS = Sealed Unless Shipping
- T = Heat Traced Line
- H = Heater
- BL = Buried Line
-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

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

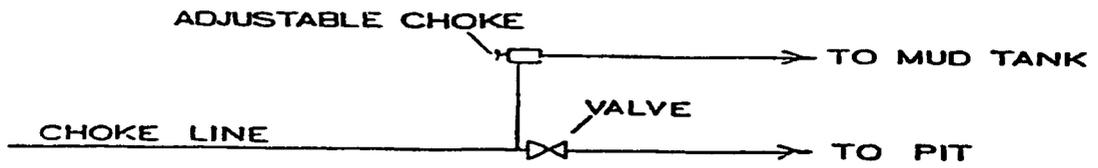
DOMINION EXPLORATION & PRODUCTION, INC.

M15CP	TYPICAL FLOW DIAGRAM	not to scale date: / /
-------	----------------------	---------------------------

BOP STACK 3000^H



CHOKE MANIFOLD 3000^H



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: ML-22313-2
Do not use this form for proposals to drill new wells, significantly deepen existing wells below current bottom-hole depth, reenter plugged wells, or to drill horizontal laterals. Use APPLICATION FOR PERMIT TO DRILL form for such proposals.		6. IF INDIAN, ALLOTTEE OR TRIBE NAME: Ute Indian Tribe
		7. UNIT or CA AGREEMENT NAME: Hill Creek Unit
1. TYPE OF WELL OIL WELL <input type="checkbox"/> GAS WELL <input checked="" type="checkbox"/> OTHER _____	8. WELL NAME and NUMBER: HCU 13-32F	
2. NAME OF OPERATOR: Dominion Exploration & Production, Inc.		9. API NUMBER: 4304735870
3. ADDRESS OF OPERATOR: 14000 Quail Spr. Pkwy CITY Oklahoma City STATE OK ZIP 73134	PHONE NUMBER: (405) 749-5263	10. FIELD AND POOL, OR WILDCAT: Natural Buttes
4. LOCATION OF WELL FOOTAGES AT SURFACE: 740' FSL, 2,231' FWL QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN: SESW ³¹/₃₂ 10S 20E S		COUNTY: Uintah STATE: UTAH

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

TYPE OF SUBMISSION	TYPE OF ACTION		
<input checked="" type="checkbox"/> NOTICE OF INTENT (Submit in Duplicate) Approximate date work will start: 4/15/2006	<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: Surface Relocation
	<input type="checkbox"/> CONVERT WELL TYPE	<input type="checkbox"/> RECOMPLETE - DIFFERENT FORMATION	

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

Dominion Exploration & Production, Inc. requests permission to relocate the surface location for the referenced well following approval of the previously submitted APD. The well will remain a directional well with a shorter reach. Following is the updated location for the HCU 13-32F:

Surf **611333X 4417315X 39,900498 -109.697657**
Surface: **1,507' FSL & 112' FEL, NE/4 SE/4, Section 31, T10S, R20E, SLB&M**
Target: **660' FSL, 660' FWL, SW/4 SW/4, Section 32, T10S, R20E, SLB&M**

BHL 611572X 4417062Y 39.898180 -109.694908
Attached please find an updated Form 3, plat package, drilling plan and surface use plan to replace those previously approved within the federal and state approval documents.

A request for exception to spacing (Cause No. 197-11) 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.

CONFIDENTIAL

APPROVED TO OPERATE
1-10-06
CHP

NAME (PLEASE PRINT) Don Hamilton	TITLE Agent for Dominion Exploration & Production, Inc.
SIGNATURE Don Hamilton	DATE 12/28/2005

(This space for State use only)

Approved by the
Utah Division of
Oil, Gas and Mining

Date: **01-05-06**
By: **[Signature]**

(See Instructions on Reverse Side)

RECEIVED ORIGINAL
JAN 03 2006
DIV. OF OIL, GAS & MINING

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

SUNDRY NOTICES AND REPORTS ON WELLS		5. LEASE DESIGNATION AND SERIAL NUMBER: ML - 22313-2
		6. IF INDIAN, ALLOTTEE OR TRIBE NAME: Ute Indian Tribe
Do not use this form for proposals to drill new wells, significantly deepen existing wells below current bottom-hole depth, reenter plugged wells, or to drill horizontal laterals. Use APPLICATION FOR PERMIT TO DRILL form for such proposals.		7. UNIT or CA AGREEMENT NAME: Hill Creek Unit
		8. WELL NAME and NUMBER: HCU 13-32F
1. TYPE OF WELL OIL WELL <input type="checkbox"/> GAS WELL <input checked="" type="checkbox"/> OTHER _____		9. API NUMBER: 43-047-35870
2. NAME OF OPERATOR: Dominion Exploration & Production, Inc.		10. FIELD AND POOL, OR WILDCAT: Natural Buttes
3. ADDRESS OF OPERATOR: 14000 Quail Springs CITY Oklahoma City STATE OK ZIP 73134		PHONE NUMBER: (405) 749-1300
4. LOCATION OF WELL FOOTAGES AT SURFACE: 1507' FSL & 112' FEL		COUNTY: Uintah
QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN: NESE 31 10S 20E		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"/> SUBSEQUENT REPORT (Submit Original Form Only) Date of work completion: _____	<input type="checkbox"/> CASING REPAIR	<input type="checkbox"/> NEW CONSTRUCTION	<input type="checkbox"/> TEMPORARILY ABANDON
	<input type="checkbox"/> CHANGE TO PREVIOUS PLANS	<input 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>APD Expiration</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.

The state APD for this well expires August 9, 2006. Dominion is hereby requesting a one year extension.

Approved by the
Utah Division of
Oil, Gas and Mining
Date: 08-01-06
By: *[Signature]*

COPY SENT TO OPERATOR
Date: 8-2-06
Initials: *[Signature]*

NAME (PLEASE PRINT) Carla Christian TITLE Sr. Regulatory Specialist
SIGNATURE *Carla Christian* DATE 7/25/2006

(This space for State use only)

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

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

API: 43-047-35870
Well Name: HCU 13-32F
Location: Section 31-10S-20E, 1507' FSL & 112' FEL
Company Permit Issued to: Dominion Exploration & Production, Inc.
Date Original Permit Issued: 8/26/2004

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

Carl Christian
Signature

7/25/2006
Date

Title: Sr. Regulatory Specialist

Representing: Dominion Exploration & Production, Inc.

JUL 2 / 2006



JON M. HUNTSMAN, JR.
Governor

GARY R. HERBERT
Lieutenant Governor

State of Utah

DEPARTMENT OF NATURAL RESOURCES

MICHAEL R. STYLER
Executive Director

Division of Oil, Gas and Mining

JOHN R. BAZA
Division Director

August 3, 2007

Carla Christian
Dominion Expl & Prod Inc.
14000 Quail Springs Parkway
Oklahoma City, OK 73134

Re: APD Rescinded –Hill Creek Unit 13-32F Sec. 31 T. 10S R. 20E
Uintah County, Utah API No. 43-047-35870

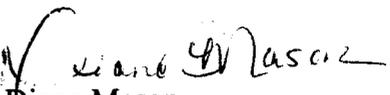
Dear Ms. Christian:

The Application for Permit to Drill (APD) for the subject well was approved by the Division of Oil, Gas and Mining (Division) on August 26, 2004. On August 9, 2005 and August 1, 2006, the Division granted a one-year APD extension. No drilling activity at this location has been reported to the division. Therefore, approval to drill the well is hereby rescinded, effective August 3, 2007.

A new APD must be filed with this office for approval prior to the commencement of any future work on the subject location.

If any previously unreported operations have been performed on this well location, it is imperative that you notify the Division immediately.

Sincerely,


Diana Mason
Environmental Scientist

cc: Well File
Bureau of Land Management, Vernal



**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
--	--

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

OPERATOR CHANGES DOCUMENTATION

Enter date after each listed item is completed

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

DATA ENTRY:

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

BOND VERIFICATION:

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

The Division sent response by letter on: _____

LEASE INTEREST OWNER NOTIFICATION:

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

COMMENTS:

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

FORM 9

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

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

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

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

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

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

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

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

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

(This space for State use only)

APPROVED 9127107

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

(See Instructions on Reverse Side)

RECEIVED

AUG 06 2007

DIV. OF OIL, GAS & MINING

(5/2000)

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

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

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

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

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

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



United States Department of the Interior

BUREAU OF LAND MANAGEMENT

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



IN REPLY REFER TO
3180
UT-922

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

August 10, 2007

Re: Hill Creek Unit
Uintah County, Utah

Gentlemen:

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

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

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

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

Sincerely,

/s/ Greg J. Noble

Greg J. Noble
Acting Chief, Branch of Fluid Minerals

Enclosure

RECEIVED

AUG 16 2007

DIV. OF OIL, GAS & MINING

United States Department of the Interior



BUREAU OF LAND MANAGEMENT

Green River District-Vernal Field Office

170 South 500 East

Vernal, UT 84078

(435) 781-4400 Fax: (435) 781-4410

<http://www.blm.gov/ut/st/en/fo/vernal.html>



IN REPLY REFER TO:

3160

UTG011

RECEIVED

DEC 14 2009

December 7, 2009

DIV. OF OIL, GAS & MINING

Ken Secrest
XTO Energy, Inc.
PO Box 1360
Roosevelt, UT 84066

43-047-35870

Re: Rescind APD Approval
Well No. HCU 13-32F
SESW, Sec. 32, T10S, R20E
Uintah County, Utah
Lease No. ML-22313-2
API# 43-047-35870
Hill Creek Unit

Dear Mr. Secrest:

The State of Utah Application for Permit to Drill (APD) for the above-referenced well was "Accepted by BLM for Unit Purposes Only" on September 2, 2004. This state well is showing Location Abandoned/APD Rescinded on UDOGM website. In view of the foregoing, this office is rescinding its acceptance of the referenced Application for Permit to Drill. If you intend to drill at this location in the future, a new Application for Permit to Drill must be submitted.

If you have any questions regarding this matter, please contact me at (435) 781-4455.

Sincerely,

Cindy Severson

Cindy Severson
Land Law Examiner

cc: UDOGM