



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 14-32F, 720' FSL, 2,216' FWL, SE/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 well. A request for exception to spacing (R649-3-2) 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. 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.

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DIV. OF OIL, GAS & MINING

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

FORM 3

AMENDED REPORT   
(highlight changes)

<b>APPLICATION FOR PERMIT TO DRILL</b>		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: undesigned	
2. NAME OF OPERATOR: Dominion Exploration & Production, Inc.		9. WELL NAME and NUMBER: HCU 14-32F	
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: 720' FSL, 2,216' FWL AT PROPOSED PRODUCING ZONE: 720' FSL, 2,216' FWL		11. QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN: 612034X 39.89831 4417083Y -109.68950 SESW 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) 720	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: 7,900	20. BOND DESCRIPTION: SITLA Blanket 76S 63050 361	
21. ELEVATIONS (SHOW WHETHER DF, RT, GR, ETC.): 5,008'	22. APPROXIMATE DATE WORK WILL START: 1/15/2005	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
12-1/4"	8-5/8" J-55 ST 32#	2,000	see Drilling Plan 252/219/100
7-7/8"	5-1/2" Mav 80 L 17#	8,100	see Drilling Plan 160/435

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 |

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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: 43-047-55872

Approved by the  
Utah Division of  
Oil, Gas and Mining

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

(See Instructions on Reverse Side)

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

## DOMINION EXPLR. & PROD., INC.

Well location, HCU #14-32F, 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.)

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.)

HCU #14-32F  
Elev. Ungraded Ground = 5008'

1928 Brass Cap,  
Pile of Stones

1928 Brass Cap,  
Pile of Stones

1928 Brass Cap,  
Pile of Stones

S89°28'56"W - 2486.86' (Meas.)

N89°58'36"W - 2508.09' (Meas.)

### LEGEND:

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

### BASIS OF BEARINGS

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

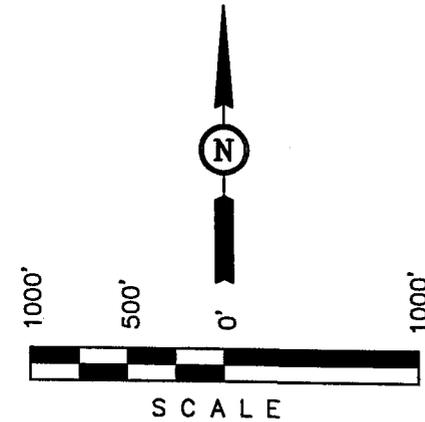
(NAD 83)

LATITUDE = 39°53'54.13" (39.898369)

LONGITUDE = 109°41'24.37" (109.690103)

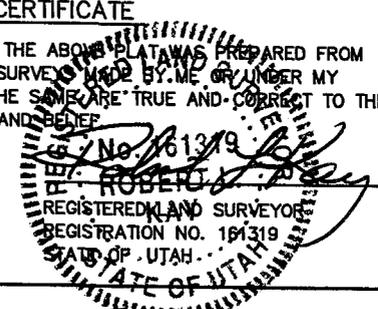
### BASIS OF ELEVATION

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



### CERTIFICATE

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



**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 PLANAPPROVAL 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 14-32F  
 720' FSL & 2216' 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	3,445'
Uteland Limestone	3,800'
Wasatch	3,945'
Chapita Wells	4,845'
Uteland Buttes	6,055'
Mesaverde	6,865'

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

<u>Formation</u>	<u>Depth</u>	<u>Type</u>
Wasatch Tongue	3,445'	Oil
Uteland Limestone	3,800'	Oil
Wasatch	3,945'	Gas
Chapita Wells	4,845'	Gas
Uteland Buttes	6,055'	Gas
Mesaverde	6,865'	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	8-5/8"	32.0 ppf	J-55	STC	0'	2,000'	12-1/4"
Production	5-1/2"	17.0 ppf	MAV-80	LTC	0'	7,900'	7-7/8"

Note: The drilled depth of the surface hole and the setting depth of the surface casing may vary from 1,700' to 2,000'. Should a lost circulation zone be encountered while drilling, casing will be set approximately 300' below the lost circulation zone. If no lost circulation zone is encountered, casing to be set at 2,000'±.

## DRILLING PLAN

### APPROVAL OF OPERATIONS

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

Surface hole: No BOPE will be utilized. Air foam mist, rotating head and diverter system will be utilized.

Production hole: Prior to drilling out the surface 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.

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' – 2,000'	8.4	Air foam mist, rotating head and diverter
2,000' – 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 contant ignition source.
- A "target tee" connection will be installed on blooie line for 90° change of directions for abrasion resistance.
- "Target tee" connections will be a minimum of 50' from wellhead.
- The blooie line discharge will be a minimum of 100' from the wellhead.

#### 8. AUXILIARY EQUIPMENT TO BE USED

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

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

- A drillstem test in the Wasatch Tongue is possible.
- One electric line wire-log will be run from total depth to surface casing.
- The gamma ray will be left on to record from total depth to surface casing.
- Other log curves (resistivities, porosity, and caliper) will record from total depth to surface 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.

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**DRILLING PLAN**

**APPROVAL OF OPERATIONS**

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

12. CEMENT SYSTEMS

a. Surface Cement:

- Drill 12-1/4" hole to 2,000'±, run and cement 8-5/8" to surface (depth to vary based on depth of lost circulation zone).
- 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 the casing annulus to surface. Top out jobs to be performed if needed. Depending to depth of top of cement in the annulus, a 1" tubing string may or may not be utilized.

<u>Type</u>	<u>Sacks</u>	<u>Interval</u>	<u>Density</u>	<u>Yield</u>	<u>Hole</u> <u>Volume</u>	<u>Cement</u> <u>Volume</u>	<u>Excess</u>
Lead	252	0'-1,500'	11.0 ppg	3.82 CFS	619 CF	835 CF	35%
Tail	219	1,500'-2,000'	15.6 ppg	1.18 CFS	220 CF	297 CF	35%
Top Out	100	0'-200'	15.6 ppg	1.18 CFS	95 CF	118 CF	24% (if required)

Lead Mix: Premium Plus V blend. Blend includes Class "G" cement, gel, salt, gilsonite.  
Slurry yield: 3.82 cf/sack      Slurry weight: 11.00 #/gal.  
Water requirement: 22.95 gal/sack

Tail Mix: Class "G" Cement, 1/4 lb/sk Cellophane Flakes + 2% bwoc Calcium Chloride + 44.3% fresh water.  
Slurry yield: 1.18 cf/sack      Slurry weight: 15.60 #/gal.  
Water requirement: 5.2 gal/sack

Top Out: Class "G" Cement, 1/4 lb/sk Cellophane Flakes + 2% bwoc Calcium Chloride + 44.3% fresh water.  
Slurry yield: 1.18 cf/sack      Slurry weight: 15.60 #/gal.  
Water requirement: 5.2 gal/sack

c. Production Casing Cement:

- Drill 7-7/8" hole to 7,900'±, run and cement 5 1/2".
- Cement interface is at 4,000', 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</u> <u>Volume</u>	<u>Cement</u> <u>Volume</u>	<u>Excess</u>
Lead	160	3,700'-4,700'	11.5 ppg	3.12 CFS	175 CF	350 CF	100%
Tail	435	4,700'-7,900'	13.0 ppg	1.75 CFS	473 CF	946 CF	100%

Note: A caliper log will be ran to determine cement volume requirements.

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

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

13. ANTICIPATED STARTING DATE AND DURATION OF THE OPERATIONS

Starting Date: January 15, 2005  
Duration: 14 Days

## 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 14-32F  
720' FSL & 2216' 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

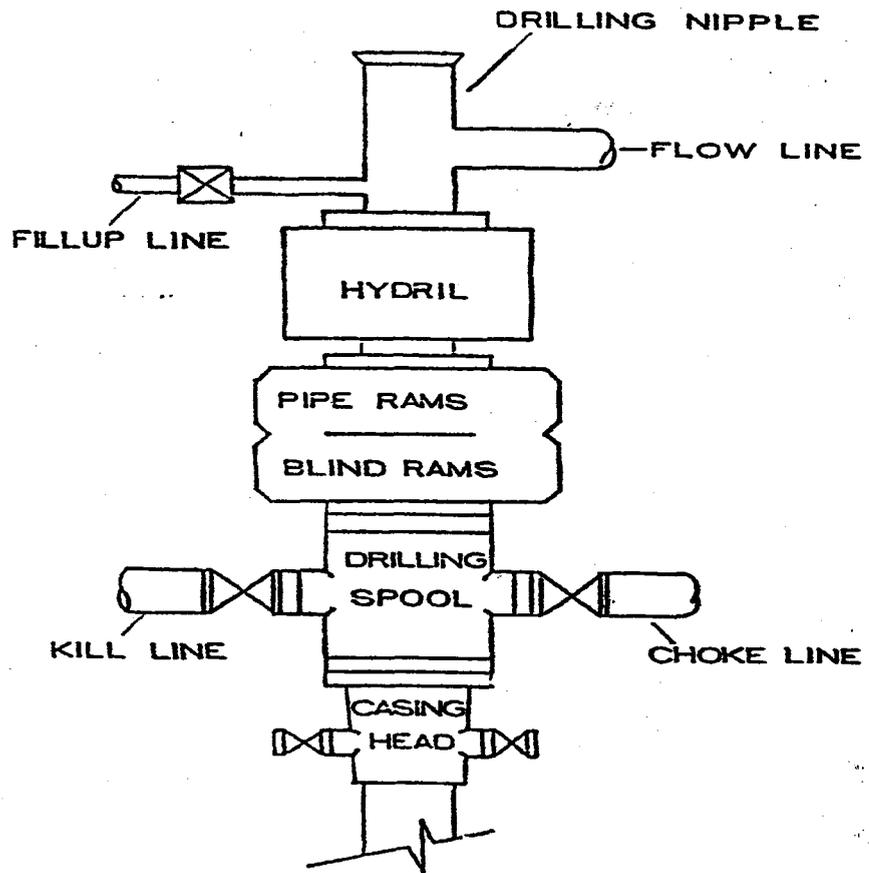
<u>Title</u>	<u>Name</u>	<u>Office Phone</u>
Company Representative (Roosevelt)	Mitchiel Hall	1-435-722-4521
Company Representative (Oklahoma)	Carla Christian	1-405-749-5263
Agent for Dominion	Don Hamilton	1-435-637-4075

Certification:

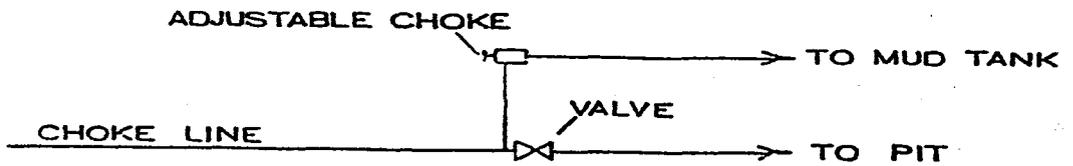
I hereby certify that I, or persons under my direct supervision, have inspected the proposed drill site and access route; that I am familiar with the conditions which currently exists; that the statements made in this APD package are, to the best of my knowledge, true and correct; and that the work associated 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

# 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.**

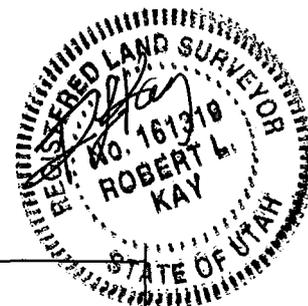
**TOTAL DISTANCE FROM VERNAL, UTAH TO THE PROPOSED WELL LOCATION IS APPROXIMATELY 46.9 MILES.**



**DIVISION EXPLR. & PROD., INC.**

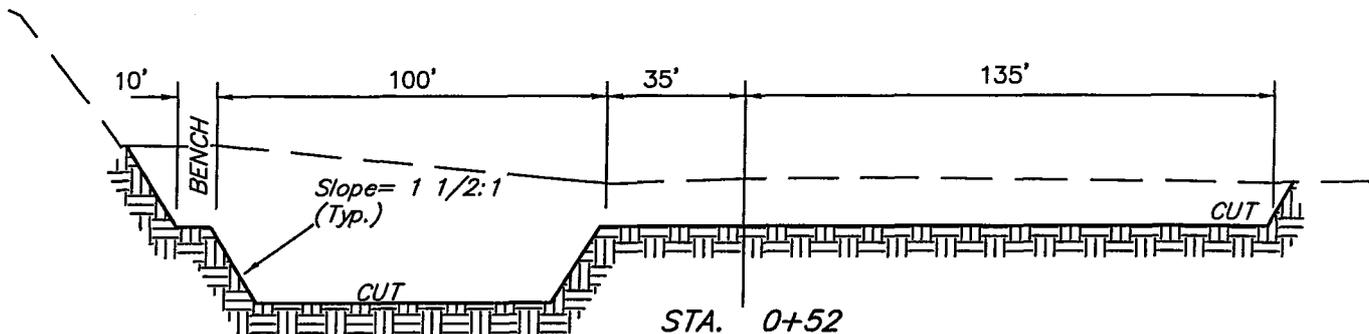
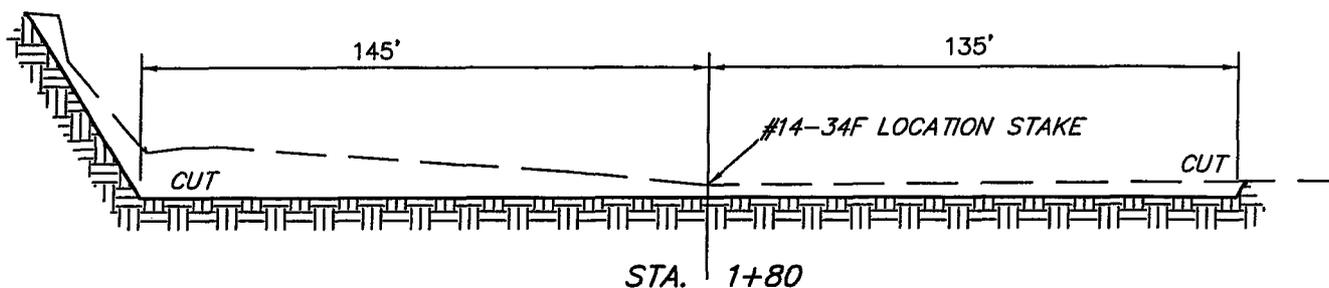
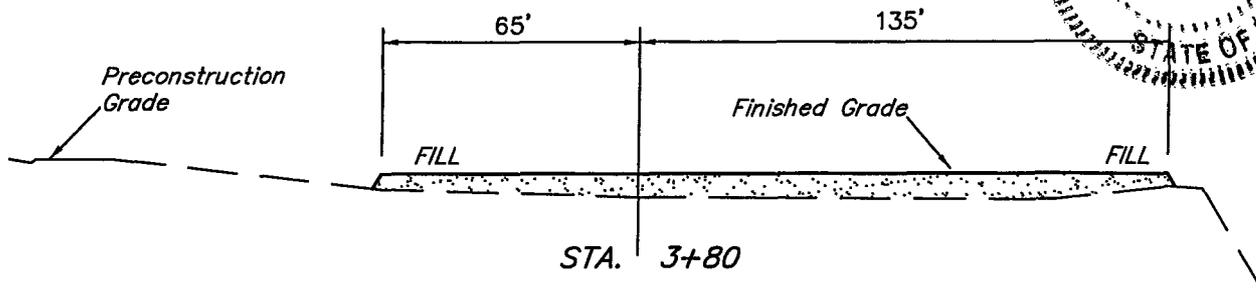
**TYPICAL CROSS SECTIONS FOR**

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

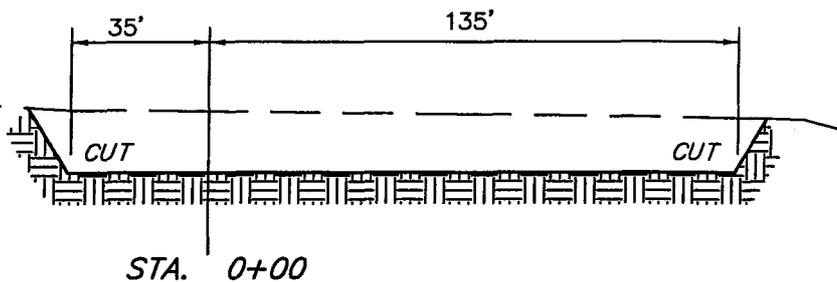


1" = 20'  
X-Section  
Scale  
1" = 50'

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.
<b>TOTAL CUT</b>	<b>=</b>	<b>14,220 CU.YDS.</b>
<b>FILL</b>	<b>=</b>	<b>2,460 CU.YDS.</b>

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.

# DOMINION EXPLR. & PROD., INC.

## HCU #13-32F & 14-32F

LOCATED IN UINTAH COUNTY, UTAH  
SECTION 32, T10S, R20E, S.L.B.&M.

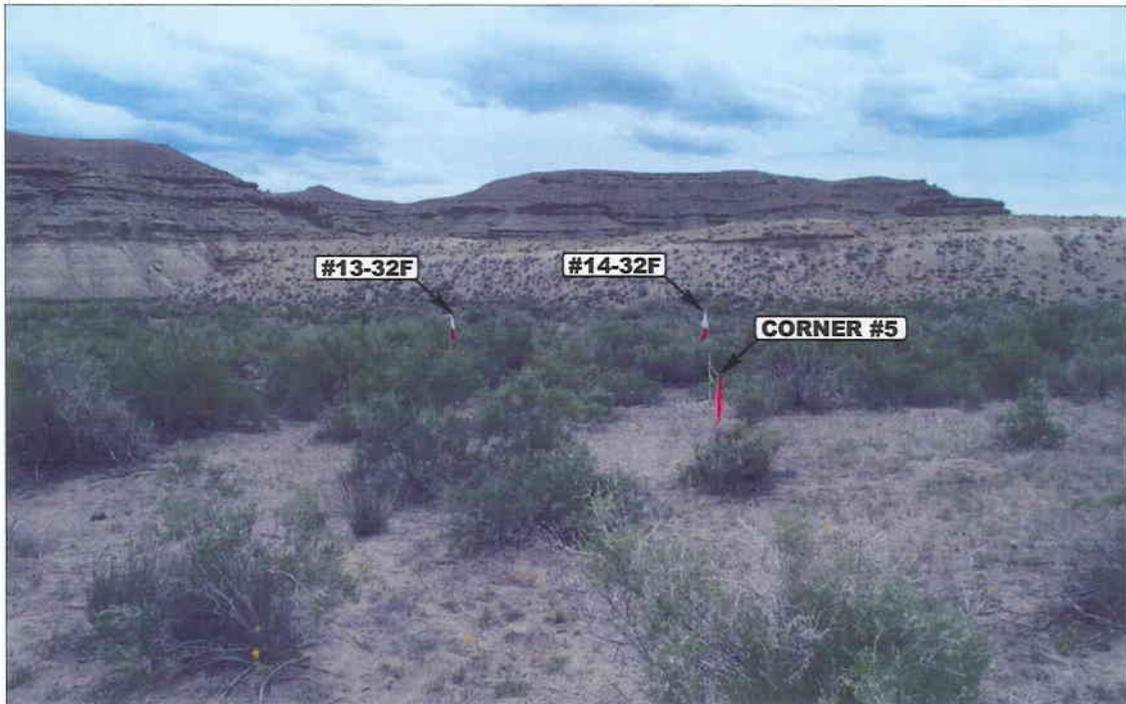


PHOTO: VIEW FROM CORNER #5 TO LOCATION STAKE

CAMERA ANGLE: SOUTHEASTERLY



PHOTO: VIEW FROM BEGINNING OF PROPOSED ACCESS

CAMERA ANGLE: SOUTHEASTERLY



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

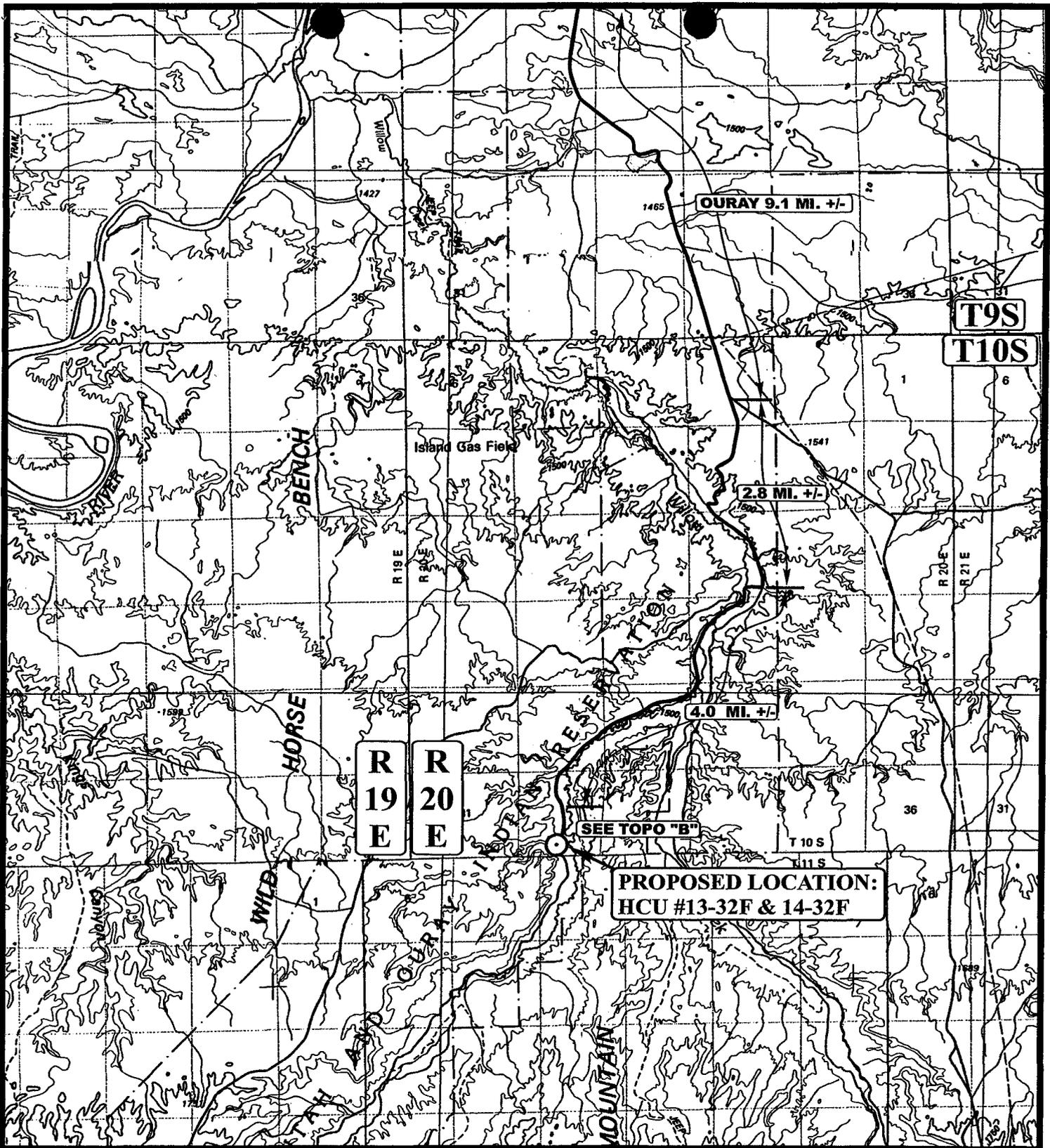
PHOTO

TAKEN BY: B.B.

DRAWN BY: J.D.G.

REVISED: 00-00-00

- Since 1964 -



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

**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



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

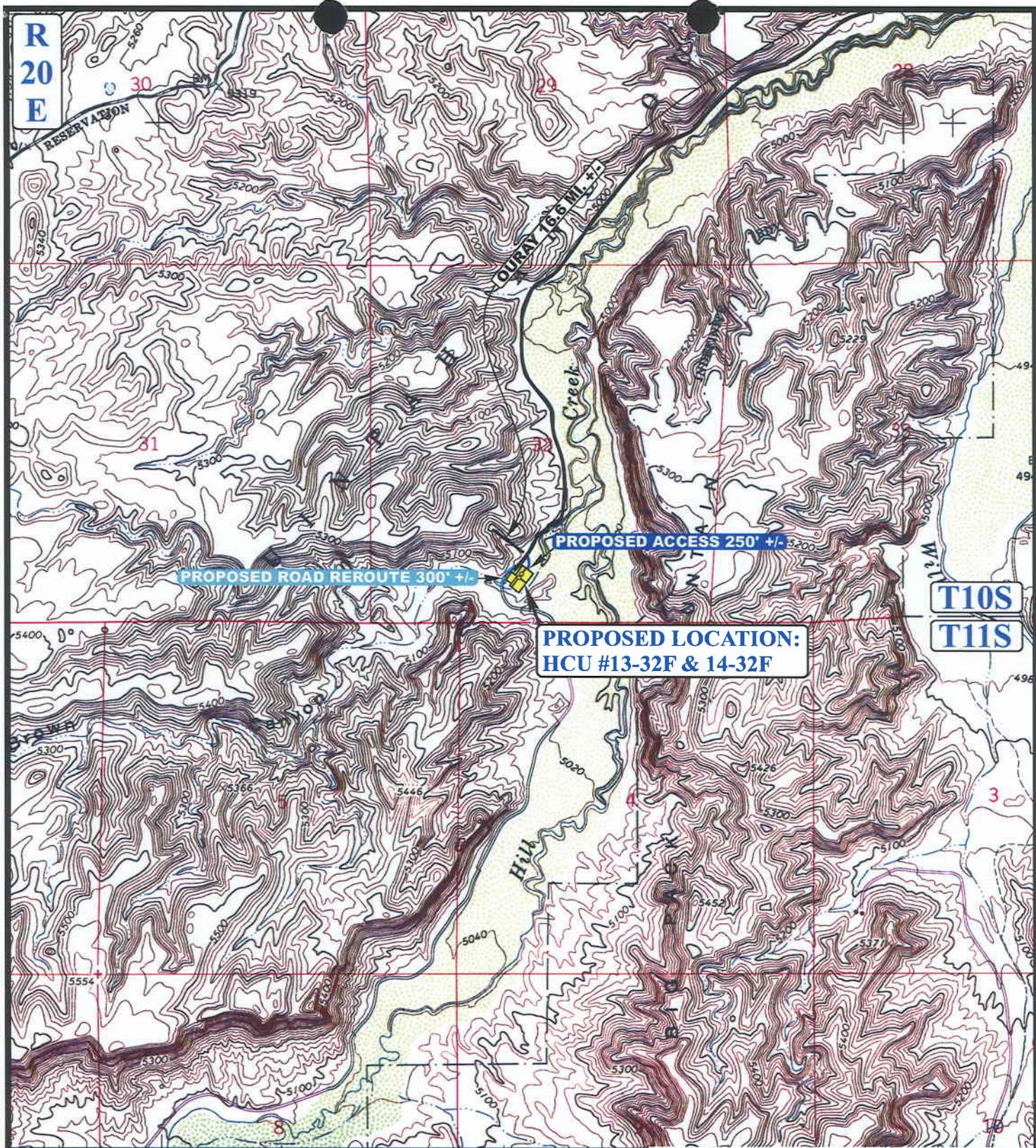


TOPOGRAPHIC  
MAP

06 11 04  
MONTH DAY YEAR

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





**LEGEND:**

- EXISTING ROAD
- PROPOSED ACCESS ROAD
- PROPOSED ROAD REROUTE

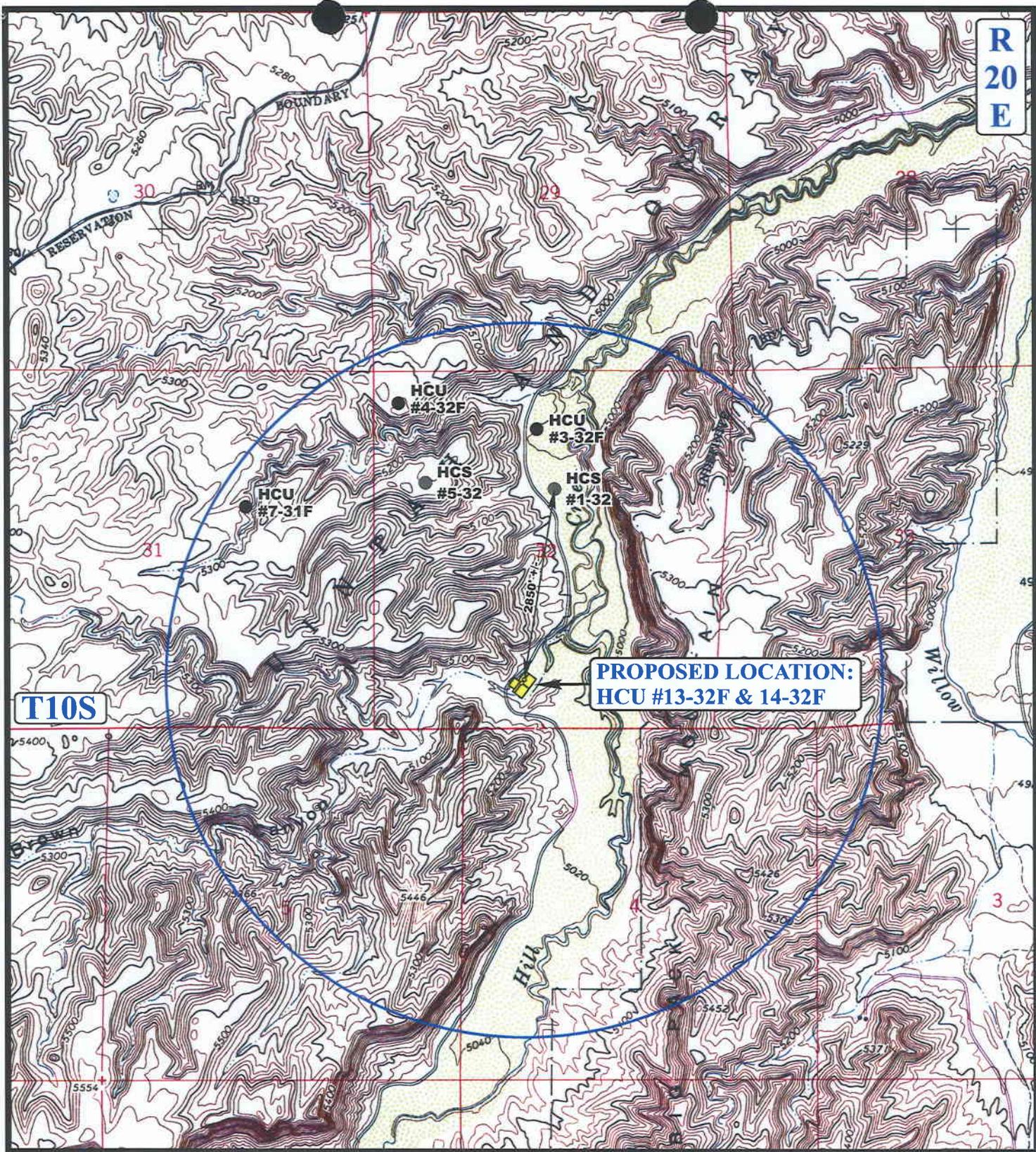


**DOMINION EXPLR. & PROD., INC.**

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

**U E I S** 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 **B**  
 TOPO



R  
20  
E

T10S

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

**LEGEND:**

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



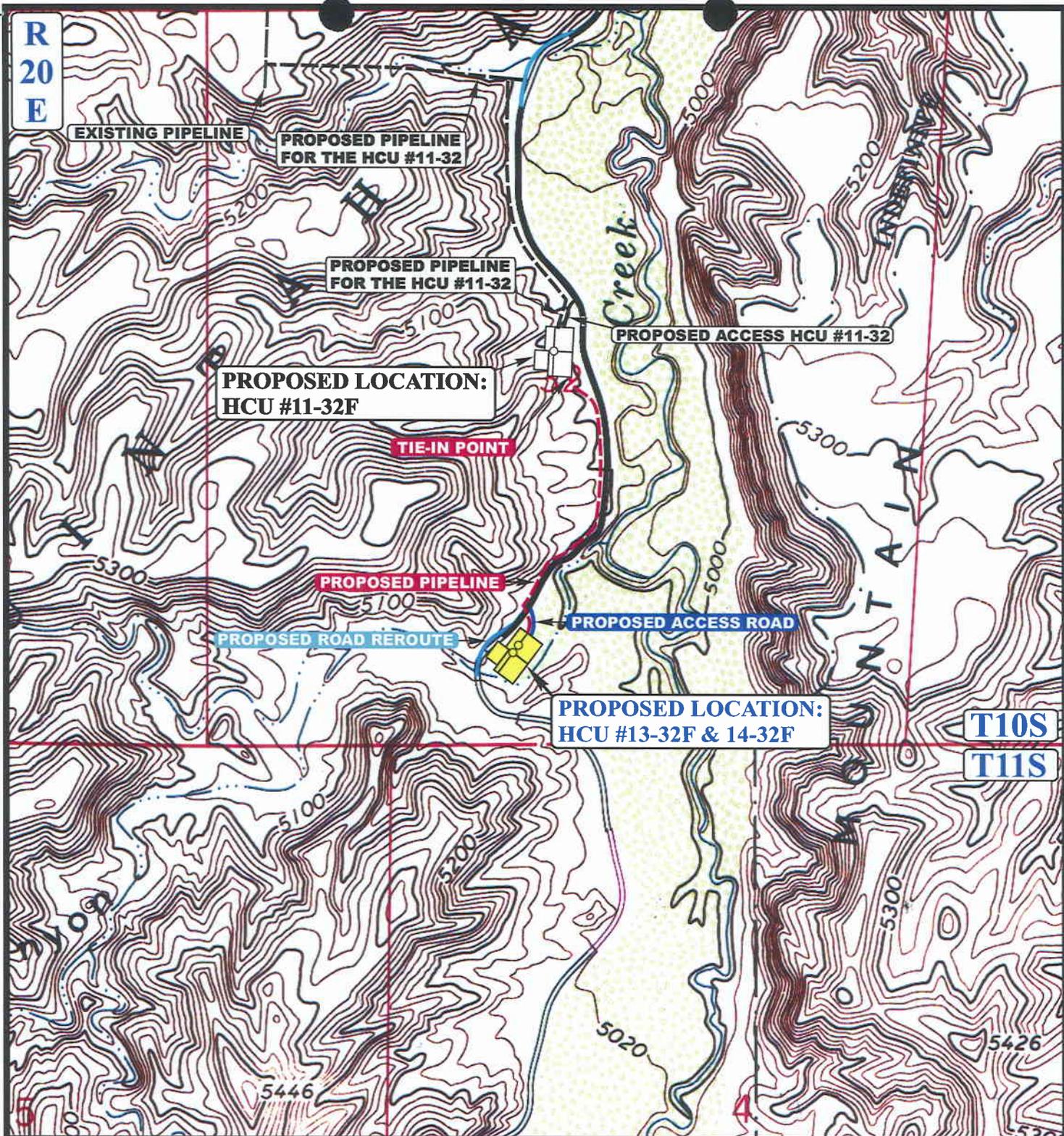
**DOMINION EXPLR. & PROD., INC.**

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

**UEIS** 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





**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

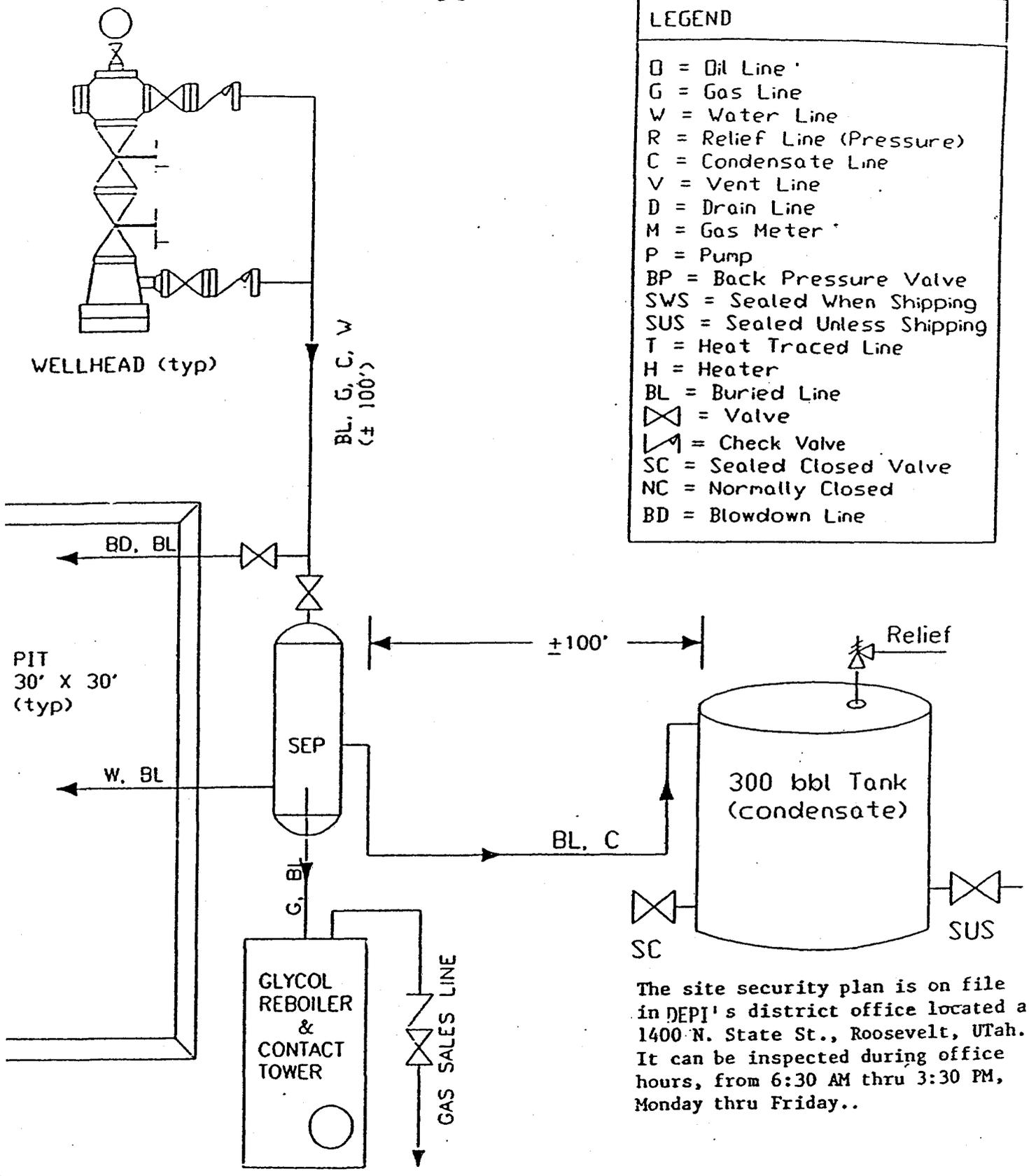
**TOPOGRAPHIC** **06 11 04**  
**MAP** MONTH DAY YEAR  
 SCALE: 1" = 1000' DRAWN BY: J.D.G. REVISED: 00-00-00



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
UAFLOWISEP	TYPICAL FLOW DIAGRAM	date: / /

WORKSHEET  
APPLICATION FOR PERMIT TO DRILL

APD RECEIVED: 08/04/2004

API NO. ASSIGNED: 43-047-35872

WELL NAME: HCU 14-32F

OPERATOR: DOMINION EXPL & PROD ( N1095 )

CONTACT: DON HAMILTON

PHONE NUMBER: 435-650-1886

PROPOSED LOCATION:

SESW 32 100S 200E  
SURFACE: 0720 FSL 2216 FWL  
BOTTOM: 0720 FSL 2216 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	DKD	8/26/04
Geology		
Surface		

LATITUDE: 39.89831

LONGITUDE: 109.68950

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)

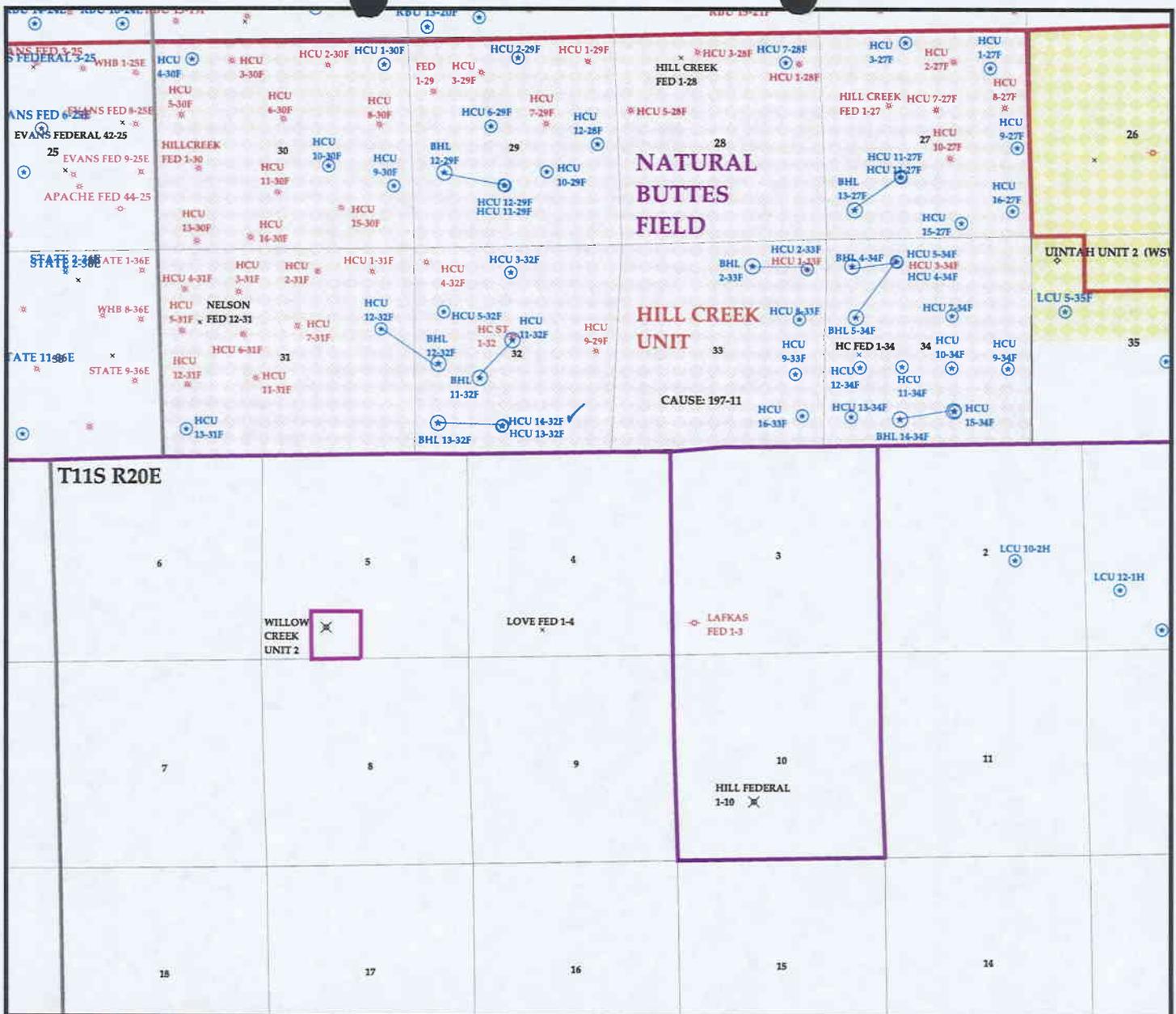
LOCATION AND SITING:

- \_\_\_ 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: 8-17-2000  
Siting: General Siting Suspended
- \_\_\_ R649-3-11. Directional Drill

COMMENTS:

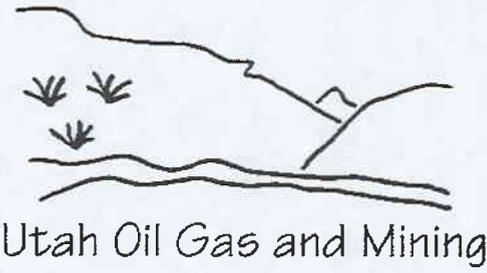
STIPULATIONS:

- 1- Federal Approval
- 2- Oil shale
- 3- Surface casing Cement Stc'd
- 4- STATEMENT OF BASIS



T11S R20E

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



Utah Oil Gas and Mining

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

# 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:	<b>08-04 Dominion HCU 14-32F</b>	
Operator:	<b>Dominion</b>	Project ID:
String type:	Surface	43-047-35872
Location:	Uintah	

**Design parameters:**

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

**Minimum design factors:**

**Collapse:**  
Design factor 1.125

**Environment:**

H2S considered? No  
Surface temperature: 65 °F  
Bottom hole temperature: 93 °F  
Temperature gradient: 1.40 °F/100ft  
Minimum section length: 1,000 ft

**Burst**

Max anticipated surface pressure: 1,760 psi  
Internal gradient: 0.120 psi/ft  
Calculated BHP 2,000 psi

**Burst:**  
Design factor 1.00

Cement top: 336 ft

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)

Non-directional string.

Tension is based on air weight.  
Neutral point: 1,750 ft

**Re subsequent strings:**  
Next setting depth: 8,100 ft  
Next mud weight: 8.600 ppg  
Next setting BHP: 3,619 psi  
Fracture mud wt: 19.250 ppg  
Fracture depth: 2,000 ft  
Injection pressure 2,000 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	2000	8.625	32.00	J-55	ST&C	2000	2000	7.875	15958
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	873	2530	2.899	2000	3930	1.97	64	372	5.81 J

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

Date: August 11, 2004  
Salt Lake City, Utah

ENGINEERING STIPULATIONS: NONE  
Collapse strength is based on the Westcott, Dunlop & Kemler method of biaxial correction for tension.  
Collapse is based on a vertical depth of 2000 ft, a mud weight of 8.4 ppg. The casing is considered to be evacuated for collapse purposes.  
Burst strength is not adjusted for tension.

Well name:	<b>08-04 Dominion HCU 14-32F</b>	
Operator:	<b>Dominion</b>	Project ID:
String type:	<b>Production</b>	43-047-35872
Location:	<b>Uintah</b>	

<p><b>Design parameters:</b></p> <p><b>Collapse</b>  Mud weight: 8.600 ppg  Design is based on evacuated pipe.</p> <p><b>Burst</b>  Max anticipated surface pressure: 2,647 psi  Internal gradient: 0.120 psi/ft  Calculated BHP: 3,619 psi</p> <p>No backup mud specified.</p>	<p><b>Minimum design factors:</b></p> <p><b>Collapse:</b>  Design factor: 1.125</p> <p><b>Burst:</b>  Design factor: 1.00</p> <p><b>Tension:</b>  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)</p> <p>Tension is based on air weight.  Neutral point: 7,044 ft</p>	<p><b>Environment:</b>  H2S considered? No  Surface temperature: 65 °F  Bottom hole temperature: 178 °F  Temperature gradient: 1.40 °F/100ft  Minimum section length: 350 ft</p> <p>Cement top: 3,636 ft</p> <p>Non-directional string.</p>
---	---	---

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	8100	5.5	17.00	Mav-80	LT&C	8100	8100	4.767	66824

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	3619	6290	1.738	3619	7740	2.14	137.7	272.9	1.98 B

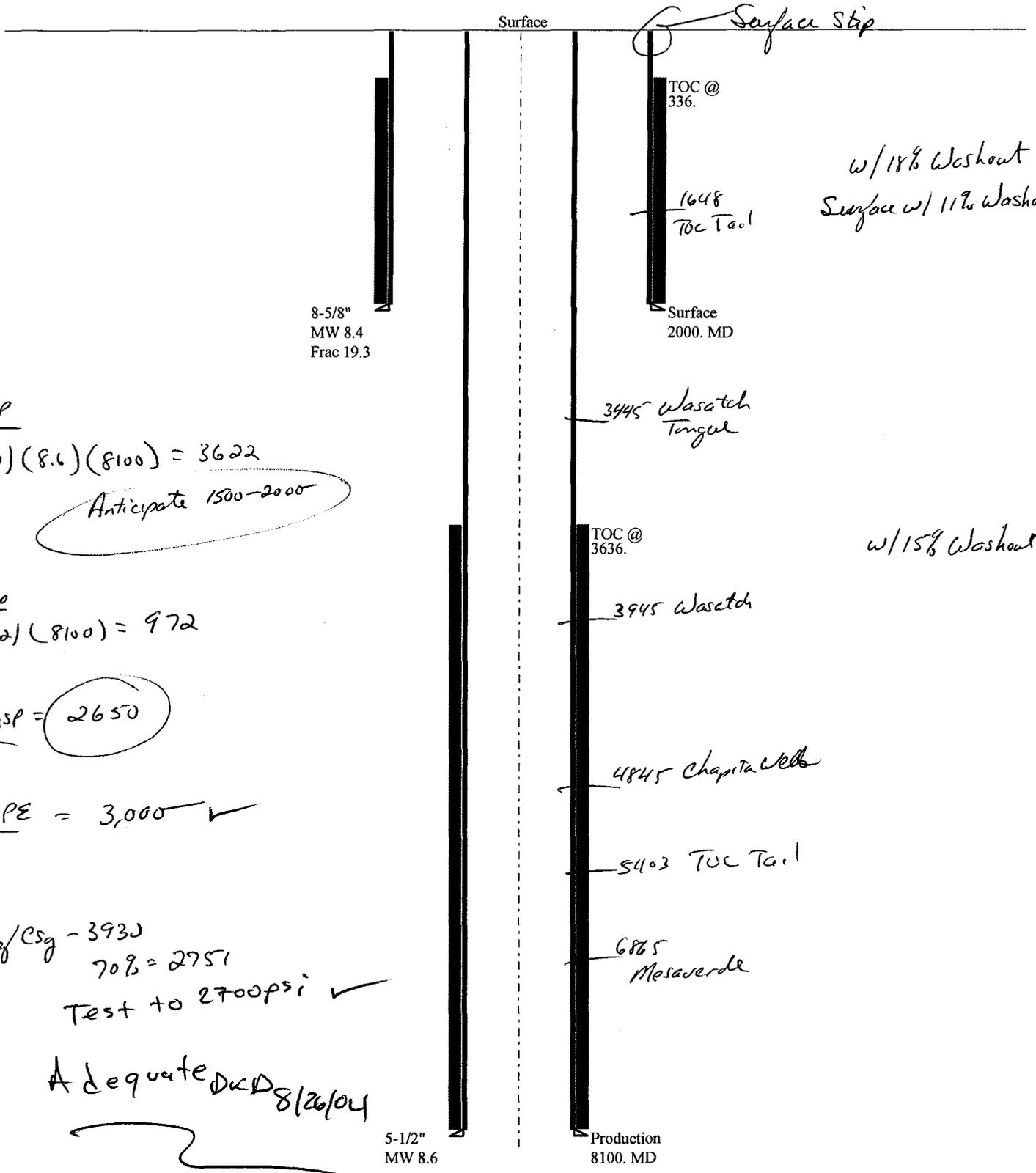
Prepared by: Clinton Dworshak  
Utah Div. of Oil & Mining

Date: August 11, 2004  
Salt Lake City, Utah

ENGINEERING STIPULATIONS: NONE  
Collapse strength is based on the Westcott, Dunlop & Kemler method of biaxial correction for tension.  
Collapse is based on a vertical depth of 8100 ft, a mud weight of 8.6 ppg. The casing is considered to be evacuated for collapse purposes.  
Burst strength is not adjusted for tension.

08-04 Dominion HCU 14-52F

Casing Schematic



8-5/8"  
MW 8.4  
Frac 19.3

TOC @  
336.

Surface  
2000. MD

w/18% Washout  
Surface w/11% Washout

1648  
TOC Tail

3445 Wasatch  
Tongue

w/15% Washout

TOC @  
3636.

3945 Wasatch

4845 Chaparral

5403 TOC Tail

6865  
Mesaverde

5-1/2"  
MW 8.6

Production  
8100. MD

BHP

$$(0.052)(8.6)(8100) = 3622$$

Anticipate 1500-2000

G<sub>ao</sub>

$$(0.12)(8100) = 972$$

MASP = 2650

BoPE = 3,000 ✓

Surf/CSG - 3930  
70% = 2751

Test to 2700psi ✓

Adequate DCD 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 14-32F Well, 720' FSL, 2216' FWL, SE 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 43-047-35872.

Sincerely,

John R. Baza  
Associate Director

pab  
Enclosures

cc: Uintah County Assessor  
SITLA  
BLM, Vernal



Page 2  
API #43-047-35872  
August 26, 2004

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

**DIVISION OF OIL, GAS AND MINING****SPUDDING INFORMATION**Name of Company: DOMINION EXPLOR & PROD INCWell Name: HCU 14-32FApi No: 43-047-35872 Lease Type: STATESection 32 Township 10S Range 20E County UINTAHDrilling Contractor BILL JR'S RIG # 6**SPUDDED:**Date 04/16/05Time 5:00 PMHow DRY**Drilling will Commence:** \_\_\_\_\_Reported by PAT WISENERTelephone # 1-435-828-1455 OR 1-435-823-1890Date 04/18/2005 Signed CHD

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

FORM 6

008

**ENTITY ACTION FORM**

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

**Well 1**

API Number	Well Name		QQ	Sec	Twp	Rng	County
43-047-35872	HCU 14-32F		SESW	32	10S	20E	Uintah
Action Code	Current Entity Number	New Entity Number	Spud Date			Entity Assignment Effective Date	
<i>AB</i>	<i>99999</i>	<i>12829</i>	<i>4/16/2005</i>			<i>4/21/05</i>	
Comments: <i>MURD = WSMVD</i>							<b>CONFIDENTIAL</b>

**Well 2**

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

**Well 3**

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

**ACTION CODES:**

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

Carla Christian

Name (Please Print)

*Carla Christian*

Signature

Regulatory Specialist

4/18/2005

Title

**RECEIVED**

**APR 20 2005**

DIV. OF OIL, GAS & MINING



**Dominion**

# FAX COVER

CONFIDENTIAL

To: Utah Division of Oil, Gas & Mining

Company : Utah Division of Oil, Gas & Mining

Fax Number : 18013593940

From : Terri Potter

Company : Dominion Exploration & Production

Fax Number : (405) 749-6657

Subject : HCU 14-32F

*T10S R20E S-32*

*43-047-35872*

Pages including cover page: 2

Date : 6/15/2005

Time : 10:52:16 AM

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

Phone Number: (405) 749-5256

RECEIVED

JUN 15 2005

DIV. OF OIL, GAS & MINING



## WELL CHRONOLOGY REPORT

CONFIDENTIAL

## WELL NAME : HCU 14-32F

Event No: 1

DISTRICT : WESTERN

FIELD : NATURAL BUTTES 630

LOCATION : 720' FSL 2216' FWL SEC 32 T 10S R 20E

COUNTY &amp; STATE : UINTAH

UT

CONTRACTOR :

WM % : 100.00 AFE # : 0501049

API # : 43-047-35872

PLAN DEPTH : 7,850 SPUD DATE : 04/16/05

DHC : \$401,500

CWC : \$563,500

AFE TOTAL : \$965,000

FORMATION : WASATCH/MESAVERDE

EVENT DC : \$595,439.34

EVENT CC : \$10,747.00

EVENT TC : \$606,186.34

WELL TOTL COST : \$633,433

REPORT DATE: 06/09/05 MD : 7,849 TVD : 7,849 DAYS : 7 MW : 10.4 VISC : 44  
 DAILY : DC : \$24,145.00 CC : \$0.00 TC : \$24,145.00 CUM : DC : \$414,720.00 CC : \$0.00 TC : \$414,720.00  
 DAILY DETAILS : TOOH F/ LOGS LOGGING TO 5098' HIT BRIDGE TIH TO CIRC AND COND MUD CIRC AND COND MUD RIG  
 SERVICE CIRC & COND SHORT TRIP TO 4000' CIRC & COND TOOH F/ LOGS LOGGING TO 7840', NO DUAL  
 LATERAL LOG, TOOLS NOT WORKING, FINISHED LOG W/ GAMMA , NEUTRON, RESISISTIVITY, DENSITY AND  
 CALIPER

REPORT DATE: 06/10/05 MD : 7,849 TVD : 7,849 DAYS : 8 MW : 10.4 VISC : 44  
 DAILY : DC : \$127,574.34 CC : \$0.00 TC : \$127,574.34 CUM : DC : \$542,294.34 CC : \$0.00 TC : \$542,294.34  
 DAILY DETAILS : LOGGING TO 7840' TIH CIRC AND COND LD DP AND BHA PULL WEAR RING RUN 183 JTS OF 5 1/2 17# M-80  
 LT&C 8RD CSG TO 7797' WAIT ON PUMP TRUCK F/ HALLIBURTON, 1ST ONE BROKE DOWN CEMENT W/ 89 SKS  
 OF HIFILL V W/ 16% GEL, .6% EX-1, 3% SALT, 1% HR-7, .25#/SK FLOCELE, 10#/SK GILSONITE, 11.6 PPG, 3.12  
 CUFT/SK, 17.83 GAL WATER/SK, FOLLOWED BY 741 SKS OF HLC V W/ 65% CEMENT, 35% POZ, 6% GEL, 3%  
 KCL, 1% EX-1, 6% HALAD-322, .2% HR-5, 13 PPG, 1.69 CUFT/SK, 8.81 GAL WATER/SK NIPPLE DOWN AND  
 CLEAN PITS

REPORT DATE: 06/11/05 MD : 7,849 TVD : 7,849 DAYS : 9 MW : 10.4 VISC : 44  
 DAILY : DC : \$16,000.00 CC : \$0.00 TC : \$16,000.00 CUM : DC : \$558,294.34 CC : \$0.00 TC : \$558,294.34  
 DAILY DETAILS : ND BOPE AND CLEAN PITS  
 RIG RELEASED @ 07:30 06/10/2005 MIRU ON HCU 11-32F WAIT ON PUMP

REPORT DATE: 06/15/05 MD : 7,849 TVD : 7,849 DAYS : 7 MW : VISC :  
 DAILY : DC : \$37,145.00 CC : \$10,747.00 TC : \$47,892.00 CUM : DC : \$595,439.34 CC : \$10,747.00 TC : \$606,186.34  
 DAILY DETAILS : MIRU SCHLUMBERGER WIRE LINE, AND ACTION HOT OIL SERVICE. RUN CMT BOND LOG F/ W.L. PBTD @  
 7774' TO 1200' KB, FOUND CMT TOP @ 1340' KB. POOH W/ WIRE LINE, AND PRESSURE TEST CSG TO 5000#,  
 HELD GOOD. RIH AND PERFORATE STAGE #1, POOH, AND RELEASE WIRE LINE, AND HOT OILIER. WAIT ON  
 FRAC DATE.

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



**Dominion**

# FAX COVER

CONFIDENTIAL

To: Utah Division of Oil, Gas & Mining

Company : Utah Division of Oil, Gas & Mining

Fax Number : 18013593940

From : Terri Potter

Company : Dominion Exploration & Production

Fax Number : (405) 749-6657

Subject : HCU 14-32F

*T 105 R20E S-32 43-047-35872*

Pages including cover page: 3

Date : 6/22/2005

Time : 11:28:44 AM

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

Phone Number: (405) 749-5256

RECEIVED

JUN 22 2005

DIV. OF OIL, GAS & MINING



## WELL CHRONOLOGY REPORT

CONFIDENTIAL

## WELL NAME : HCU 14-32F

DISTRICT : WESTERN

FIELD : NATURAL BUTTES 630

Event No: 1

LOCATION : 720' FSL 2216' FWL SEC 32 T 10S R 20E

COUNTY &amp; STATE : UINTAH

UT

CONTRACTOR :

WI % : 100.00 AFE # : 0501049

API # : 43-047-35872

PLAN DEPTH : 7,850

SPUD DATE : 04/16/05

DHC : \$401,500

CWC : \$563,500

AFE TOTAL : \$965,000

FORMATION : WASATCH/MESAVERDE

EVENT DC : \$595,439.34

EVENT CC : \$112,520.00

EVENT TC : \$707,959.34

WELL TOTL COST : \$832,784

REPORT DATE: 06/17/05

MD : 7,849

TVD : 7,849

DAYS : 8

MW :

VISC :

DAILY : DC : \$0.00

CC : \$101,773.00

TC : \$101,773.00

CUM : DC : \$595,439.34

CC : \$112,520.00

TC : \$707,959.34

DAILY DETAILS : FRAC STAGE #1, PERFORATE AND FRAC STAGES #2, AND #3. TURN WELL OVER TO PRODUCTION. 06-16-2005 HCU 14-32F. MIRU SCHLUMBERGER frac equipment, tested lines to 7000 psi. Held safety meeting with all personnel. Quality control on gel & breaker systems with on-site lab was verified. Frac'd Mesa Verde Interval #1, 7528-38', 6 spf, 61 holes, with 49,499# 20/40 Ottawa sand. Pumped frac at an average rate of 30.2 bpm, using 191.6 mscf of N2 and 476.3 bbls of fluid. Average surface treating pressure was 3943 psi with sand concentrations stair stepping from 2.0 ppg to 6.0 ppg.

3769 gallons Pad YF120ST/N2 gel.  
 1430 gallons YF120ST/N2 pumped @ 2.0 ppg sand concentration.  
 1413 gallons YF120ST/N2 pumped @ 3.0 ppg sand concentration.  
 1413 gallons YF120ST/N2 pumped @ 4.0 ppg sand concentration.  
 2112 gallons YF120ST/N2 pumped @ 5.0 ppg sand concentration.  
 2536 gallons YF120ST/N2 pumped @ 6.0 ppg sand concentration.  
 7331 gallons WF110 slick water flush.

Total frac fluid pumped 476.3 bbls. N2 was cut during flush. Ru wire line, RIH and set 5K frac plug @ 7460'. RIH and perforate interval #2 @ 7338-43', 7388-96', 4 spf, 54 holes. Fraced interval #2 w/ 58,792# 20/40 Ottawa sand. Pumped frac at an avg rate of 31.9 bpm, using 227.6 mscf of N2 and 533 bbls of fluid. Avg surface treating pressure was 4414 psi w/ sand concentrations stair stepping from 2.0 ppg to 6.0 ppg.

4187 gallons Pad YF115ST/N2 gel.  
 2132 gallons YF115ST/N2 pumped @ 2.0 ppg sand concentration.  
 2114 gallons YF115ST/N2 pumped @ 3.0 ppg sand concentration.  
 2111 gallons YF115ST/N2 pumped @ 4.0 ppg sand concentration.  
 2112 gallons YF115ST/N2 pumped @ 5.0 ppg sand concentration.  
 2565 gallons YF115ST/N2 pumped @ 6.0 ppg sand concentration.  
 7158 gallons WF110 slick water flush.

Total frac fluid pumped 533 bbls. N2 was cut during flush. RIH and set 5k frac plug @ 7280', perforate interval #3 @ 7204-18', 4 spf, 57 holes. Fraced interval #3 w/ 38,381# 20/40 Ottawa sand. Pumped frac at an avg rate of 27.9 bpm, using 210.1 mscf of N2 and 366 bbls of fluid. Avg surface treating pressure was 4519 psi w/ sand concentrations stair stepping from 2.0 ppg to 5.0 ppg.

2788 gallons Pad YF115ST/N2 gel.  
 1424 gallons YF115ST/N2 pumped @ 2.0 ppg sand concentration.  
 1413 gallons YF115ST/N2 pumped @ 3.0 ppg sand concentration.  
 2110 gallons YF115ST/N2 pumped @ 4.0 ppg sand concentration.  
 2612 gallons YF115ST/N2 pumped @ 5.0 ppg sand concentration. 5032 gallons WF110 slick water flush.

Total frac fluid pumped 584 bbls. N2 was not cut during flush. Opened well to the pit on a 12/64 choke. Turned well over to production.

REPORT DATE: 06/18/05

MD : 7,849

TVD : 7,849

DAYS : 9

MW :

VISC :

DAILY : DC : \$0.00

CC : \$0.00

TC : \$0.00

CUM : DC : \$595,439.34

CC : \$112,520.00

TC : \$707,959.34

DAILY DETAILS : FCP 539 ON 18/64 CHOKE TO PIT, FLOWED BACK 611 BBLs. FRAC FLUID, PUT TO SALES THROUGH UNIT @ 11:00 AM, EST MCF 1074, 18/64 CHOKE.

REPORT DATE: 06/19/05

MD : 7,849

TVD : 7,849

DAYS : 10

MW :

VISC :

DAILY : DC : \$0.00

CC : \$0.00

TC : \$0.00

CUM : DC : \$595,439.34

CC : \$112,520.00

TC : \$707,959.34

DAILY DETAILS : MADE 356 MCF, FCP 211, SLP 206, 0 OIL, 166 WTR, 48/64 CHOKE.

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JUN 22 2005



## WELL CHRONOLOGY REPORT

CONFIDENTIAL

**WELL NAME : HCU 14-32F**

DISTRICT : WESTERN

FIELD : NATURAL BUTTES 630

Event No: 1

LOCATION : 720' FSL 2216' FWL SEC 32 T 10S R 20E

COUNTY &amp; STATE : UINTAH

UT

CONTRACTOR :

WM % : 100.00 AFE # : 0501049

API # : 43-047-35872

PLAN DEPTH : 7,850 SPUD DATE : 04/16/05

DHC : \$401,500

CWC : \$563,500

AFE TOTAL : \$965,000

FORMATION : WASATCH/MESAVERDE

EVENT DC : \$595,439.34

EVENT CC : \$112,520.00

EVENT TC : \$707,959.34

WELL TOTL COST : \$832,784

REPORT DATE: 06/20/05

MD : 7,849

TVD : 7,849

DAYS : 11

MW :

VISC :

DAILY : DC : \$0.00

CC : \$0.00

TC : \$0.00

CUM : DC : \$595,439.34

CC : \$112,520.00

TC : \$707,959.34

DAILY DETAILS : MADE 505 MCF, FCP 180, SLP 180, 0 OIL, 131 WTR, 48/64 CHOKE.

REPORT DATE: 06/21/05

MD : 7,849

TVD : 7,849

DAYS : 12

MW :

VISC :

DAILY : DC : \$0.00

CC : \$0.00

TC : \$0.00

CUM : DC : \$595,439.34

CC : \$112,520.00

TC : \$707,959.34

DAILY DETAILS : MADE 492 MCF, FCP 204, SLP 214, 0 OIL, 84 WTR, 48/64 CHOKE.

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JUN 22 2005

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:
3. ADDRESS OF OPERATOR: 14000 Quail Springs CITY Oklahoma City STATE OK ZIP 73134		7. UNIT or CA AGREEMENT NAME:
4. LOCATION OF WELL FOOTAGES AT SURFACE: 720' FSL & 2216' FWL		8. WELL NAME and NUMBER: HCU 14-32F
QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN: SESW 32 10S 20E		9. API NUMBER: 43-047-35872
COUNTY: Uintah		10. FIELD AND POOL, OR WLDCAT: Natural Buttes
STATE: UTAH		

CONFIDENTIAL

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

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

6/9/05 ran 183 jts. 5 1/2", 17#, M-80, LT&C csg., set @ 7797'. Cemented lead w/89 sks Hifill V, 11.6 ppg, 3.12 cuft/sk, tailed w/741 sks HLC V, 13.0 ppg, 1.69 cuft/sk. Cleaned pits, released rig. 6/16/05 Perf'd and frac'd well. First sales 6/17/05.

NAME (PLEASE PRINT) <u>Carla Christian</u>	TITLE <u>Regulatory Specialist</u>
SIGNATURE <u>Carla Christian</u>	DATE <u>7/5/2005</u>

(This space for State use only)

RECEIVED  
JUL 11 2005

RECEIVED

AUG 15 2005

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

CONFIDENTIAL

AMENDED REPORT   
(highlight changes) FORM 8

DIV. OF OIL, GAS & MINING

WELL COMPLETION OR RECOMPLETION REPORT AND LOG

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

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

2. NAME OF OPERATOR: Dominion Exploration & Production, Inc., 14000 Quail Springs Parkway,

3. ADDRESS OF OPERATOR: Suite 600 CITY Oklahoma City STATE OK ZIP 73170 PHONE NUMBER: (405) 749-1300

4. LOCATION OF WELL (FOOTAGES)  
AT SURFACE: 720' FSL & 2216' FWL  
AT TOP PRODUCING INTERVAL REPORTED BELOW:  
AT TOTAL DEPTH:

14. DATE SPUNDED: 4/16/2005 15. DATE T.D. REACHED: 6/7/2005 16. DATE COMPLETED: 6/17/2005 ABANDONED  READY TO PRODUCE

18. TOTAL DEPTH: MD 7,849 TVD 19. PLUG BACK T.D.: MD 7,774 TVD 20. IF MULTIPLE COMPLETIONS, HOW MANY? \*

22. TYPE ELECTRIC AND OTHER MECHANICAL LOGS RUN (Submit copy of each)  
Dual/Micro Laterolog, Compensated Z-Densilog  
Compensated Neutron Log Gamma Ray/Caliper, Cmt. Bond

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

HOLE SIZE	SIZE/GRADE	WEIGHT (#/ft)	TOP (MD)	BOTTOM (MD)	STAGE CEMENTER DEPTH	CEMENT TYPE & NO. OF SACKS	SLURRY VOLUME (BBL)	CEMENT TOP **	AMOUNT PULLED
12 1/4"	8 5/8" H-40	32#	Surface	2,226		625 Sx		Circ	
7 7/8"	5 1/2" M-80	17#	Surface	7,797		830 Sx		CBL 1,340	

25. TUBING RECORD

SIZE	DEPTH SET (MD)	PACKER SET (MD)	SIZE	DEPTH SET (MD)	PACKER SET (MD)	SIZE	DEPTH SET (MD)	PACKER SET (MD)
2 3/8"	7,516							

26. PRODUCING INTERVALS

FORMATION NAME	TOP (MD)	BOTTOM (MD)	TOP (TVD)	BOTTOM (TVD)	INTERVAL (Top/Bot - MD)	SIZE	NO. HOLES	PERFORATION STATUS
(A) Mesaverde	6,794	7,538			7528 - 38		61	Open <input checked="" type="checkbox"/> Squeezed <input type="checkbox"/>
(B)					7338- 43, 7388- 96		54	Open <input checked="" type="checkbox"/> Squeezed <input type="checkbox"/>
(C)					7204- 18		57	Open <input checked="" type="checkbox"/> Squeezed <input type="checkbox"/>
(D)								Open <input type="checkbox"/> Squeezed <input type="checkbox"/>

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

DEPTH INTERVAL	AMOUNT AND TYPE OF MATERIAL
7528 - 7538	Frac w/49,499# 20/40 Ottawa sd., w/191.6 mscf of N2 & 476.3 bbls YF 120ST.
7338 - 7396	Frac w/58,792# 20/40 Ottawa sd., w/227.6 mscf of N2 & 533 bbls of YF 115ST.
7204 - 7218	Frac w/38,381# 20/40 Ottawa sd., w/210.1 mscf of N2 & 366 bbls of YF 115ST.

29. ENCLOSED ATTACHMENTS:

ELECTRICAL/MECHANICAL LOGS  GEOLOGIC REPORT  DST REPORT  DIRECTIONAL SURVEY

SUNDRY NOTICE FOR PLUGGING AND CEMENT VERIFICATION  CORE ANALYSIS  OTHER: \_\_\_\_\_

30. WELL STATUS:  
Producing

31. INITIAL PRODUCTION

INTERVAL A (As shown in item #26)

DATE FIRST PRODUCED: 6/17/2005		TEST DATE: 7/22/2005		HOURS TESTED: 24		TEST PRODUCTION RATES: →	OIL - BBL: 2	GAS - MCF: 232	WATER - BBL: 17	PROD. METHOD: Flowing
CHOKE SIZE: 48	TBG. PRESS. 166	CSG. PRESS. 435	API GRAVITY	BTU - GAS	GAS/OIL RATIO 1:116,000	24 HR PRODUCTION RATES: →	OIL - BBL: 2	GAS - MCF: 232	WATER - BBL: 17	INTERVAL STATUS: Producing

INTERVAL B (As shown in item #26)

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

INTERVAL C (As shown in item #26)

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

INTERVAL D (As shown in item #26)

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

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

Sold

33. SUMMARY OF POROUS ZONES (Include Aquifers):

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

34. FORMATION (Log) MARKERS:

Formation	Top (MD)	Bottom (MD)	Descriptions, Contents, etc.	Name	Top (Measured Depth)
				Wasatch Tonque	3,433
				Uteland Limestone	3,781
				Wasatch	3,927
				Chapita Wells	4,797
				Uteland Buttes	6,010
				Mesaverde	6,794

35. ADDITIONAL REMARKS (Include plugging procedure)

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

NAME (PLEASE PRINT) Carla Christian

TITLE Regulatory Specialist

SIGNATURE Carla Christian

DATE 8/9/2005

This report must be submitted within 30 days of

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

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

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

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

Phone: 801-538-5340

Fax: 801-359-3940

**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

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

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

**OPERATOR CHANGES DOCUMENTATION**

Enter date after each listed item is completed

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

**DATA ENTRY:**

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

**BOND VERIFICATION:**

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

The Division sent response by letter on:

**LEASE INTEREST OWNER NOTIFICATION:**

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

**COMMENTS:**

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

FORM 9

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

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

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

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

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

Dominion Exploration & Production, Inc.  
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

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

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

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

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

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

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



# United States Department of the Interior

## BUREAU OF LAND MANAGEMENT

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



IN REPLY REFER TO  
3180  
UT-922

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

August 10, 2007

Re: Hill Creek Unit  
Uintah County, Utah

Gentlemen:

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

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

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

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

Sincerely,

*/s/ Greg J. Noble*

Greg J. Noble  
Acting Chief, Branch of Fluid Minerals

Enclosure

RECEIVED

AUG 16 2007

DIV. OF OIL, GAS & MINING

**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:
2. NAME OF OPERATOR: XTO ENERGY INC.		6. IF INDIAN, ALLOTTEE OR TRIBE NAME:
3. ADDRESS OF OPERATOR: 382 CR 3100 CITY AZTEC STATE NM ZIP 87410		7. UNIT or CA AGREEMENT NAME: HILL CREEK UNIT
4. LOCATION OF WELL FOOTAGES AT SURFACE: 720' FSL & 2216' FWL QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN: SESW 32 10S 20E		8. WELL NAME and NUMBER: HCU 14-32F
PHONE NUMBER: (505) 333-3100		9. API NUMBER: 4304735872
		10. FIELD AND POOL, OR WILDCAT: NATURAL BUTTES MV
		COUNTY: UINTAH
		STATE: UTAH

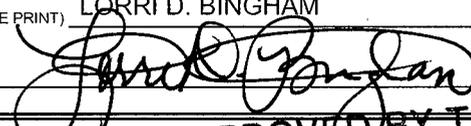
11. CHECK APPROPRIATE BOXES TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA

TYPE OF SUBMISSION	TYPE OF ACTION		
<input checked="" type="checkbox"/> NOTICE OF INTENT (Submit in Duplicate)  Approximate date work will start: _____  <input type="checkbox"/> SUBSEQUENT REPORT (Submit Original Form Only)  Date of work completion: _____	<input type="checkbox"/> ACIDIZE	<input type="checkbox"/> DEEPEN	<input type="checkbox"/> REPERFORATE CURRENT FORMATION
	<input type="checkbox"/> ALTER CASING	<input type="checkbox"/> FRACTURE TREAT	<input type="checkbox"/> SIDETRACK TO REPAIR WELL
	<input type="checkbox"/> CASING REPAIR	<input type="checkbox"/> NEW CONSTRUCTION	<input checked="" 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 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.

XTO Energy Inc. requests permission to temporarily abandon this well in order to drill the HCU 10-32F & the HCU 15-32F. When the new well is completed this well will be reactivated & put back online (approximately the fourth quarter of 2008). Please see the attached TA procedure.

**COPY SENT TO OPERATOR**  
Date: 6.17.2008  
Initials: KS

NAME (PLEASE PRINT) LORRI D. BINGHAM	TITLE REGULATORY COMPLIANCE TECH
SIGNATURE 	DATE 5/27/2008

(This space for State use only)

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

DATE: 6/13/08  
BY: [Signature]

(5/2000) (See instructions on Reverse Side)

**RECEIVED**  
JUN 02 2008  
DIV. OF OIL, GAS & MINING

**Hill Creek Unit #14-32F  
Sec 32 T 10 S, R 20 E  
Uintah County, Utah**

**TA Well to Drill New Well**

**Surf csg:** 8-5/8", 24#, H-40 csg @ 2,226'. Cmt circ to surf.

**Prod csg:** 5-1/2", 17#, M-80 csg @ 7,797'. Cmt w/830 sxs cmt. Did not circ cmt to surf. TOC @ 1,340' via CBL. PBTD 7,750'.

**Tbg:** +/- 241 jts of 2-3/8", 4.7#, J-55 tbg, EOT @ 7,517', SN @ 7,515'.

**Perfs:** MV: 7,204'-18', 7,338'-43', 7,388'-96', 7,528'-38'

**Production:** Plunger Lift, 80MCFPD.

**Purpose:** The HCU 14-32F & Hill Creek State 1-32 need to be TA'd in order for two other pad wells, the HCU 14-32F and HCU 10-32F to be drilled

1. Cycle and recover plunger. MIRU SLU. Recover plunger if it doesn't cycle and recover BHBS. Run Gyro fr/surf t to 3,000'. POH w/WL & Gyro. Send result to John Egelston, Drilling Engineer, in Farmington office. RDMO WL.
2. MIRU PU. Blow down and kill well w/2% KCl wtr treated w/biocide & scale inhibitor.
3. ND WH, NU BOP. TOH 100 jts of 2-3/8" original tbg.
4. PU 5-1/2" Model C RBP, 4' perf sub, & MU to 141 jts 2-3/8" tbg remaining in well.
5. TIH w/tail sub, perf sub, 5-1/2" RBP, & 100 jts of tbg. Displace well w/±55 bbls 2% KCl wtr containing biocide & scale inhibitor. Set RBP @ ± 3,100'. PT RBP to 1,000 psi. Ld tbg on hgr. ND BOP, install 2" vlv in hgr. RDMO PU.

**Regulatory:**

- Submit NOI to TA well, submit Sundry after task has been performed, submit NOI to reactivate TA'd well, submit Sundry after RWTP.

**Equipment:**

- 5-1/2" RBP, 4' perf sub.

**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	
			6. IF INDIAN, ALLOTTEE OR TRIBE NAME: UTE INDIAN TRIBE	
2. NAME OF OPERATOR: XTO ENERGY INC.			7. UNIT or CA AGREEMENT NAME: HILL CREEK UNIT	
3. ADDRESS OF OPERATOR: 382 CR 3100 CITY AZTEC STATE NM ZIP 87410			8. WELL NAME and NUMBER: HCU 14-32F	
4. LOCATION OF WELL FOOTAGES AT SURFACE: 720' FSL & 2216' FWL			9. API NUMBER: 4304735872	
QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN: SESW 32 10S 20E			10. FIELD AND POOL, OR WILDCAT: NATURAL BUTTES MV	
			COUNTY: UINTAH	
			STATE: UTAH	

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

TYPE OF SUBMISSION	TYPE OF ACTION		
<input type="checkbox"/> NOTICE OF INTENT (Submit in Duplicate)  Approximate date work will start: _____	<input type="checkbox"/> ACIDIZE	<input type="checkbox"/> DEEPEN	<input type="checkbox"/> REPERFORATE CURRENT FORMATION
	<input type="checkbox"/> ALTER CASING	<input type="checkbox"/> FRACTURE TREAT	<input type="checkbox"/> SIDETRACK TO REPAIR WELL
<input checked="" type="checkbox"/> SUBSEQUENT REPORT (Submit Original Form Only)  Date of work completion: 3/3/2009	<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 checked="" 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.

XTO Energy Inc. has returned this well to production per the following procedure:

2/4/2009 - 3/3/2009:

MIRU. ND WH, NU BOP. TIH w/1 jt tbg, circ dwn to RBP. Latched onto & rsld plg & flow to tst tnk. CO & wash dwn to 7,662' (new PBTD). TIH w/mule shoe col, 2-3/8" SN & 241 jts 2-3/8", J-55, 4.7#, EUE, 8rd tbg. Ld tbg on hgr & ND BOP & NU WH. SN @ 7,514', EOT @ 7,516'. MV perms fr/ 7,204' - 7,538'. MIRU ac equip. Pmp 750 gals 15% HCL ac & 5 gals mutual solv dwn tbg. RWTP @ 1130 hrs on 3/3/2009. RDMO.

NAME (PLEASE PRINT) <u>BARBARA A. NICOL</u>	TITLE <u>REGULATORY CLERK</u>
SIGNATURE <u>Barbara A. Nicol</u>	DATE <u>3/4/2009</u>

(This space for State use only)

**RECEIVED**  
**MAR 09 2009**

STATE OF UTAH DEPARTMENT OF NATURAL RESOURCES DIVISION OF OIL, GAS, AND MINING		FORM 9	
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		<b>6. IF INDIAN, ALLOTTEE OR TRIBE NAME:</b> UTE	
<b>1. TYPE OF WELL</b> Gas Well		<b>7. UNIT or CA AGREEMENT NAME:</b> HILL CREEK	
<b>2. NAME OF OPERATOR:</b> XTO ENERGY INC		<b>8. WELL NAME and NUMBER:</b> HCU 14-32F	
<b>3. ADDRESS OF OPERATOR:</b> 382 Road 3100 , Aztec, NM, 87410		<b>9. API NUMBER:</b> 43047358720000	
<b>PHONE NUMBER:</b> 505 333-3145 Ext		<b>9. FIELD and POOL or WILDCAT:</b> NATURAL BUTTES	
<b>4. LOCATION OF WELL</b> <b>FOOTAGES AT SURFACE:</b> 0720 FSL 2216 FWL <b>QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN:</b> Qtr/Qtr: SESW Section: 32 Township: 10.0S Range: 20.0E Meridian: S		<b>COUNTY:</b> UINTAH	
		<b>STATE:</b> UTAH	
11. CHECK APPROPRIATE BOXES TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA			
TYPE OF SUBMISSION	TYPE OF ACTION		
<input type="checkbox"/> NOTICE OF INTENT Approximate date work will start:  <input checked="" type="checkbox"/> SUBSEQUENT REPORT Date of Work Completion: 2/17/2012  <input type="checkbox"/> SPUD REPORT Date of Spud:  <input type="checkbox"/> DRILLING REPORT Report Date:	<input checked="" type="checkbox"/> ACIDIZE  <input type="checkbox"/> CHANGE TO PREVIOUS PLANS  <input type="checkbox"/> CHANGE WELL STATUS  <input type="checkbox"/> DEEPEN  <input type="checkbox"/> OPERATOR CHANGE  <input type="checkbox"/> PRODUCTION START OR RESUME  <input type="checkbox"/> REPERFORATE CURRENT FORMATION  <input type="checkbox"/> TUBING REPAIR  <input type="checkbox"/> WATER SHUTOFF  <input type="checkbox"/> WILDCAT WELL DETERMINATION	<input type="checkbox"/> ALTER CASING  <input type="checkbox"/> CHANGE TUBING  <input type="checkbox"/> COMMINGLE PRODUCING FORMATIONS  <input type="checkbox"/> FRACTURE TREAT  <input type="checkbox"/> PLUG AND ABANDON  <input type="checkbox"/> RECLAMATION OF WELL SITE  <input type="checkbox"/> SIDETRACK TO REPAIR WELL  <input type="checkbox"/> VENT OR FLARE  <input type="checkbox"/> SI TA STATUS EXTENSION  <input type="checkbox"/> OTHER	<input type="checkbox"/> CASING REPAIR  <input type="checkbox"/> CHANGE WELL NAME  <input type="checkbox"/> CONVERT WELL TYPE  <input type="checkbox"/> NEW CONSTRUCTION  <input type="checkbox"/> PLUG BACK  <input type="checkbox"/> RECOMPLETE DIFFERENT FORMATION  <input type="checkbox"/> TEMPORARY ABANDON  <input type="checkbox"/> WATER DISPOSAL  <input type="checkbox"/> APD EXTENSION  OTHER: <input style="width: 100px;" type="text"/>
12. DESCRIBE PROPOSED OR COMPLETED OPERATIONS. Clearly show all pertinent details including dates, depths, volumes, etc.			
XTO Energy Inc. has performed acid treatments on this well per the attached summary report.			
<b>Accepted by the Utah Division of Oil, Gas and Mining FOR RECORD ONLY March 08, 2012</b>			
<b>NAME (PLEASE PRINT)</b> Barbara Nicol	<b>PHONE NUMBER</b> 505 333-3642	<b>TITLE</b> Regulatory Compliance Tech	
<b>SIGNATURE</b> N/A		<b>DATE</b> 3/5/2012	

## **Hill Creek Unit 14-32F**

**2/6/2012:** MIRU. TOH 2-3/8" tbg. RIH w/swb t/s, att to rec BHBS.

**2/7/2012:** RIH w/swb t/s, made 3 rns and swb tbg dry. Finish TOH w/tbg, LD cutter and last jt w/swb t/s. TIH w/4-3/4" rock tooth bit, 5-1/2" csg scr, and tbg. TOH LD BHA. PU 5 1/2 TS RBP and PKR.

**2/8/2012:** TIH 2-3/8" tbg. Set TS RBP @ 7,593', and HD Pkr @ 7,563'. MIRU acid ser. Fill hole w/15 bbls of TFW, PT surf equip, tbg and isol t/s, tstd Gd. Isolate & acidize 3 stage's w/10% HCl Ac, 50 g/1000 S-262 Scale Inhibitor, 8 g/1000 AS-290 Anti sludge, 8 gal/1000 Al 150 Acid Inhibitor, 8 gal/1000 Corrosion Inhibitor, 2 gal/1000 Feno Iron Control. Flsd w/2% KCL containing 5 gal Nalco 6106 bicide & 5 gal EC9021A H2S scavenger as follows: Isolate perms @ 7,498' - 7,568' & Acidize w/270 gls 10% HCl Ac. Flsd w/34 bls TFW. Avg 1.5 bpm & 2,950 psig. Isolate perms @ 7,358' - 7,426' & Acidize w/351 gls 10% HCl Ac. Flsd w/33 bls TFW. Avg 1.7 bpm & 2,250 psig. Isolate perms @ 7,174' - 7,248' & Acidize w/378 gls 10% HCl Ac. Flsd w/32 bls TFW. Avg 2.5 bpm & 2,650 psig. TOH w/2-3/8" tbg, LD 5-1/2" TS RBP, & 5-1/2" HD pkr. PU MS col & SN. TIH w/BHA & 2-3/8" tbg, EOT @ 7,550'.

**2/9/2012:** RU swb t/s. BFL 3,100' FS. S. 0 BO, 90 BLW, 20 runs, 8 hrs, FFL 4,400' FS. RD swb t/s. Note: After 5th swb run H2S level @ 680 ppm, trtd w/10 gals H2S scavenger and flshd w/35 bbls of trtd 2% KCl wtr. H2S levels stayed in check.

**2/10/2012:** RU swb t/s. BFL 4,100' FS. S. 0 BO, 38 BLW, 7 runs, 4 hrs, FFL 4,500' FS. RD swb t/s. LD tbg. EOT @ 7,425.84'. ND BOP, NU WH. RU swb t/s. BFL 5,000' FS. S. 0 BO, 36.75 BLW, 9 runs, 4 hrs, FFL 5,100' FS. Fid 16 ttl rns, and 74.75 ttl bbls fl rec. RD swb t/s. RDMO.

**2/14/2012:** MIRU SWU. BFL @ 4,000' FS. S. 0 BO, 52 BW, 9 runs, 10 hrs. FFL @ 5,000' FS.

**2/15/2012:** RIH w/swb t/s. BFL @ 5,000' FS. S. 0 BO, 29 BW, 1 runs, 5 hrs. FFL @ 5,000' FS.

**2/16/2012:** RIH w/swb t/s. BFL @ 5,000' FS. S. 0 BO, 13 BW, 8 runs, 10 hrs. FFL @ 6,000' FS.

**2/17/2012:** RIH w/swb t/s. BFL @ 5,000' FS. S. 0 BO, 15 BW, 5 runs, 5.5 hrs. FFL @ 6,000' FS. KO well flwng. Cycled plngr. RWTP. RDMO.

<b>STATE OF UTAH</b> DEPARTMENT OF NATURAL RESOURCES DIVISION OF OIL, GAS, AND MINING		FORM 9
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		<b>6. IF INDIAN, ALLOTTEE OR TRIBE NAME:</b> UTE
<b>1. TYPE OF WELL</b> Gas Well		<b>7. UNIT or CA AGREEMENT NAME:</b> HILL CREEK
<b>2. NAME OF OPERATOR:</b> XTO ENERGY INC		<b>8. WELL NAME and NUMBER:</b> HCU 14-32F
<b>3. ADDRESS OF OPERATOR:</b> PO Box 6501 , Englewood, CO, 80155		<b>9. API NUMBER:</b> 43047358720000
<b>4. LOCATION OF WELL</b> <b>FOOTAGES AT SURFACE:</b> 0720 FSL 2216 FWL <b>QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN:</b> Qtr/Qtr: SESW Section: 32 Township: 10.0S Range: 20.0E Meridian: S		<b>9. FIELD and POOL or WILDCAT:</b> NATURAL BUTTES
		<b>COUNTY:</b> UINTAH
		<b>STATE:</b> UTAH

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

TYPE OF SUBMISSION	TYPE OF ACTION		
<input type="checkbox"/> NOTICE OF INTENT Approximate date work will start:	<input checked="" type="checkbox"/> ACIDIZE	<input type="checkbox"/> ALTER CASING	<input type="checkbox"/> CASING REPAIR
<input checked="" type="checkbox"/> SUBSEQUENT REPORT Date of Work Completion: 8/11/2016	<input type="checkbox"/> CHANGE TO PREVIOUS PLANS	<input type="checkbox"/> CHANGE TUBING	<input type="checkbox"/> CHANGE WELL NAME
<input type="checkbox"/> SPUD REPORT Date of Spud:	<input type="checkbox"/> CHANGE WELL STATUS	<input type="checkbox"/> COMMINGLE PRODUCING FORMATIONS	<input type="checkbox"/> CONVERT WELL TYPE
<input type="checkbox"/> DRILLING REPORT Report Date:	<input type="checkbox"/> DEEPEN	<input type="checkbox"/> FRACTURE TREAT	<input type="checkbox"/> NEW CONSTRUCTION
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	<input type="checkbox"/> WILDCAT WELL DETERMINATION	<input type="checkbox"/> OTHER	OTHER: <input style="width: 100px;" type="text"/>

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

XTO Energy Inc. performed an Acid Treatment on this well per the following: 08/08/16: MIRU pmp trk. Ppd dwn csg w/750 gal 15% HCL w/add's, flush w/20 bbls TFW w/15 gal MX 765-8. Ppd dwn tbg w/250 gal's 15% HCL w/add's, flush w/ 30 bbls TFW w/10 gal MX 765-8. SWIFPBU RDMO Pmp truck. Will swab asap. 08/10/16: MIRU SWU. RIH w/swb tl's. SWIFPBU. 08/11/16: Cycle plunger to surf & RWTP. RDMO SWU.

**Accepted by the**  
**Utah Division of**  
**Oil, Gas and Mining**  
**FOR RECORD ONLY**  
September 16, 2016

<b>NAME (PLEASE PRINT)</b> Rhonda Smith	<b>PHONE NUMBER</b> 505 333-3215	<b>TITLE</b> Regulatory Clerk
<b>SIGNATURE</b> N/A	<b>DATE</b> 9/13/2016	