



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

April 9, 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.
LCU 10-2H, 2,304' FSL, 1,841' FEL, NW/4 SE/4, Section 2
T11S, 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
Ed Bonner, SITLA— State Office
Carla Christian, Dominion
Marty Buys, Buys & Associates, Inc.

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

FORM 3

AMENDED REPORT
(highlight changes)

001

APPLICATION FOR PERMIT TO DRILL		5. MINERAL LEASE NO: ML-45176	6. SURFACE: State
1A. TYPE OF WORK: DRILL <input checked="" type="checkbox"/> REENTER <input type="checkbox"/> DEEPEN <input type="checkbox"/>		7. IF INDIAN, ALLOTTEE OR TRIBE NAME: N/A	
B. TYPE OF WELL: OIL <input type="checkbox"/> GAS <input checked="" type="checkbox"/> OTHER _____ SINGLE ZONE <input checked="" type="checkbox"/> MULTIPLE ZONE <input type="checkbox"/>		8. UNIT or CA AGREEMENT NAME: Undesignated	
2. NAME OF OPERATOR: Dominion Exploration & Production, Inc.		9. WELL NAME and NUMBER: LCU 10-2H	
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 - Undesignated
4. LOCATION OF WELL (FOOTAGES) AT SURFACE: 2,304' FSL, 1,841' FEL AT PROPOSED PRODUCING ZONE: 2,304' FSL, 1,841' FEL		11. QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN: NWSE 2 11 20 S	
14. DISTANCE IN MILES AND DIRECTION FROM NEAREST TOWN OR POST OFFICE: 13.93 miles southeast of Ouray, Utah		12. COUNTY: Uintah	13. STATE: UTAH
15. DISTANCE TO NEAREST PROPERTY OR LEASE LINE (FEET) 1,841'	16. NUMBER OF ACRES IN LEASE: 638.50	17. NUMBER OF ACRES ASSIGNED TO THIS WELL: 40	
18. DISTANCE TO NEAREST WELL (DRILLING, COMPLETED, OR APPLIED FOR) ON THIS LEASE (FEET) None	19. PROPOSED DEPTH: 8,000	20. BOND DESCRIPTION: SITLA Blanket 76S 63050 361	
21. ELEVATIONS (SHOW WHETHER DF, RT, GR, ETC.): 5,429'	22. APPROXIMATE DATE WORK WILL START: 12/15/2004	23. ESTIMATED DURATION: 14 days	

PROPOSED CASING AND CEMENTING PROGRAM

SIZE OF HOLE	CASING SIZE, GRADE, AND WEIGHT PER FOOT			SETTING DEPTH	CEMENT TYPE, QUANTITY, YIELD, AND SLURRY WEIGHT
12-1/4"	8-5/8"	J-55 ST	32#	2,000	see Drilling Plan
7-7/8"	5-1/2"	Mav 80 L	17#	8,000	see Drilling Plan

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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 |

NAME (PLEASE PRINT) Don Hamilton TITLE Agent for Dominion Exploration & Production, Inc.
SIGNATURE Don Hamilton DATE 4/9/2004

(This space for State use only)

API NUMBER ASSIGNED: 43047-35443

APPROVAL:

**Approved by the
Utah Division of
Oil, Gas and Mining**
Date: 07-19-04
By: [Signature]

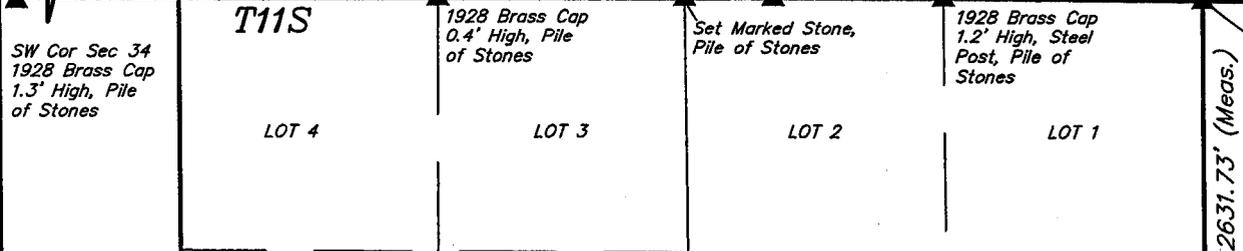
T11S, R20E, S.L.B.&M.

DOMINION EXPLR. & PROD., INC.

Well location, LCU #10-2H, located as shown in the NW 1/4 SE 1/4 of Section 2, T11S, R20E, S.L.B.&M. Uintah County Utah.

Sec. 34

T10S
 N89°57'35"W - 2636.30' (Meas.)
 N89°55'58"W - 1282.43' (Meas.)
 A.P. Set Marked Stone, Pile of Stones
 N89°39'26"W - 1354.62' (Meas.)



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.



REGISTERED LAND SURVEYOR
 CERTIFICATE

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

[Signature]
 REGISTERED LAND SURVEYOR

REGISTRATION NO. 161319
 STATE OF UTAH

LINE TABLE		
LINE	BEARING	LENGTH
L1	S89°46'09"W	463.23'
L2	N89°53'56"W	887.52'

LCU #10-2H
 Elev. Ungraded Ground = 5429'

2

2304'
 (Comp.)

Section Corner
 Re-Established by
 Double Proportion

N89°57'50"W - 2657.89' (Meas.)
 S 1/4 Cor Sec 1
 Set Marked Stones,
 Pile of Stones

N 1/4 Cor Sec 10
 Set Marked Stones,
 Pile of Stones

N89°51'19"W - 7971.75' (Meas.)

(NAD 83)
 LATITUDE = 39°53'18.54" (39.888483)
 LONGITUDE = 109°38'37.35" (109.643708)

BASIS OF BEARINGS

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

E 1/4 Cor Sec 14
 Set Marked Stone,
 Scattered Stones

LEGEND:

- └─┘ = 90° SYMBOL
- = PROPOSED WELL HEAD.
- ▲ = SECTION CORNERS LOCATED.
- △ = SECTION CORNERS RE-ESTABLISHED.
 BY DOUBLE PROPORTION METHOD. (NOT SET)

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

SCALE 1" = 1000'	DATE SURVEYED: 03-10-04	DATE DRAWN: 03-21-04
PARTY B.B. T.H. D.R.B.	REFERENCES G.L.O. PLAT	
WEATHER COOL	FILE DOMINION EXPLR. & PROD., INC	

DOMINION EXPLR. & PROD., INC.
LCU #10-2H
SECTION 2, T11S, 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 DIRECTION APPROXIMATELY 13.5 MILES ON THE SEEP RIDGE ROAD TO THE JUNCTION OF THIS ROAD AND AN EXISTING ROAD TO THE SOUTHWEST; TURN RIGHT AND PROCEED IN A SOUTHWESTERLY DIRECTION APPROXIMATELY 1.8 MILES TO THE BEGINNING OF THE PROPOSED ACCESS FOR THE LCU #10-35F TO THE SOUTH; FOLLOW ROAD FLAGS IN A SOUTHERLY DIRECTION APPROXIMATELY 0.25 MILES TO THE BEGINNING OF THE PROPOSED ACCESS TO THE SOUTHWEST; FOLLOW ROAD FLAGS IN A SOUTHWESTERLY, THEN WESTERLY DIRECTION APPROXIMATELY 1.6 MILES TO THE PROPOSED LOCATION.

TOTAL DISTANCE FROM VERNAL, UTAH TO THE PROPOSED WELL LOCATION IS APPROXIMATELY 48.15 MILES.

DRILLING PLAN

APPROVAL OF OPERATIONS

Attachment for Permit to Drill

Name of Operator: Dominion Exploration & Production
Address: 14000 Quail Springs Parkway, Suite 600
Oklahoma City, OK 73134
Well Location: LCU 10-2H
2304' FSL & 1841' FEL
Section 2-11S-20E
Uintah County, UT

1. GEOLOGIC SURFACE FORMATION Uintah

2. ESTIMATED DEPTHS OF IMPORTANT GEOLOGIC MARKERS

<u>Formation</u>	<u>Depth</u>
Green River	717'
Wasatch Tongue	3,627'
Green River Tongue	3,957'
Wasatch	4,117'
Chapita Wells	5,017'
Uteland Buttes	6,217'
Mesaverde	7,317'

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

<u>Formation</u>	<u>Depth</u>	<u>Type</u>
Green River	717'	Oil
Wasatch Tongue	3,627'	Oil
Green River Tongue	3,957'	Oil
Wasatch	4,117'	Gas
Chapita Wells	5,017'	Gas
Uteland Buttes	6,217'	Gas
Mesaverde	7,317'	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'	8,000'	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'±.

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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' – 8,000'	8.6	Fresh water/2% KCL/KCL mud system

7. **BLOOIE LINE**

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

8. **AUXILIARY EQUIPMENT TO BE USED**

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

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

- A drillstem test in the Wasatch Tongue is possible.
- One electric line wire-log will be run from total depth to 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>Cement</u>	<u>Excess</u>
					<u>Volume</u>	<u>Volume</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 8,000'±, 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>Cement</u>	<u>Excess</u>
					<u>Volume</u>	<u>Volume</u>	
Lead	160	3,700'-4,700'	11.5 ppg	3.12 CFS	175 CF	350 CF	100%
Tail	435	4,700'-8,000'	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: December 15, 2004
 Duration: 14 Days

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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: LCU 10-2H
2304' FSL & 1841' FEL
Section 2-11S-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 13.93 miles southeast of Ouray, UT.
- b. Directions to the proposed well site have been attached at the end of Exhibit B.
- c. The use of roads under State and County Road Department maintenance is necessary to access the River Bend 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, SITLA or BLM access roads no topsoil striping will occur.
- g. An off-lease federal right-of-way is required for the access road and utility corridor and is being applied for at this time.

2. Planned Access Roads:

- a. From the proposed LCU 10-35F access road an access is proposed trending southwest approximately 1.6 miles to the proposed well site. The access consists of entirely new disturbance and crosses only minor drainages. A road design plan is not anticipated at this time.
- b. The proposed access road will consist of a 14' travel surface within a 30' disturbed area.
- c. Proposed access will utilize SITLA lands in which a right-of-way is not anticipated at this time and federal lands in which a federal right-of-way will be required and is being applied for at this time. Approval to construct and utilize the SITLA portion of 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 0.6 miles long and adequate site distance exists in all directions.
- f. No culverts are anticipated at this time. Adequate drainage structures will be incorporated into the remainder of road.
- g. No surfacing material will come from SITLA, 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. 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 None
- 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. 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.
- c. Any necessary pits will be properly fenced to prevent any wildlife and livestock entry.
- d. 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.
- e. 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.
- f. A gas pipeline is associated with this application and is being applied for at this time. The proposed gas pipeline corridor will leave the northwest side of the well site and traverse west

then north to the proposed 4" pipeline for the LCU 10-35F.

- g. The gas pipeline will be a 4" steel surface line within a 20' wide utility corridor. The use of the proposed and existing access roads will facilitate the staging of the pipeline construction. A new pipeline length of approximately 8,300' is associated with this well.
- h. 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. No construction materials will be removed from SITLA or BLM managed lands.
- b. 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 southeast 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, 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. After first production, produced wastewater will be confined to a lined pit or storage tank for a period not to exceed ninety (90) days. During the 90-day period, an application for approval of a permanent disposal method and location will be applied for.
- 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.
- b. Access to the well pad will be from the northwest.
- c. The pad and road designs are consistent with SITLA and DOGM specifications.
- d. A pre-construction meeting with a responsible company representative and contractors 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 County Extension Office.
- 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 SITLA with a seed mix recommended during the onsite review.

11. Surface and Mineral Ownership:

- a. Both Surface and Mineral Ownership is State 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 will conduct a Class III archeological survey. A copy of the pending report will be submitted under separate cover to the appropriate agencies by AIA Archaeological.
- b. A federal right-of-way is necessary for this application and is being applied for at this time.

13. Operator's Representative and Certification

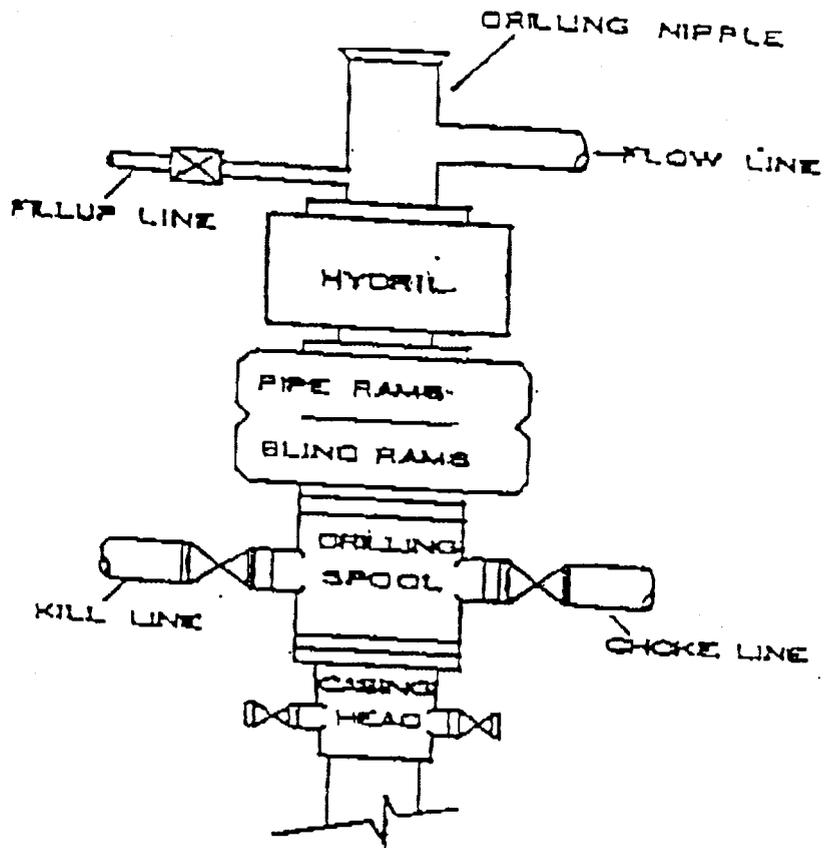
<u>Title</u>	<u>Name</u>	<u>Office Phone</u>
Company Representative (Roosevelt)	Mitchiel Hall	1-435-722-4521
Company Representative (Oklahoma)	Carla Christian	1-405-749-5263
Agent for Dominion	Don Hamilton	1-435-637-4075

Certification:

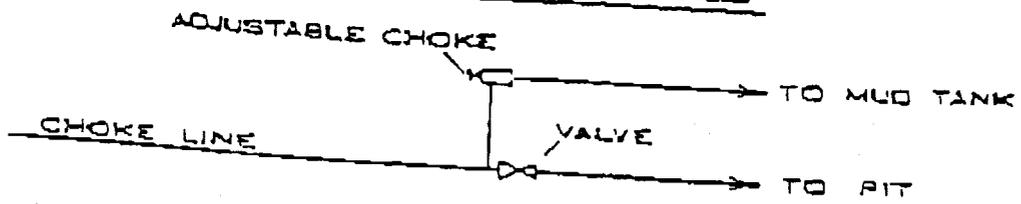
I hereby certify that I, or persons under my direct supervision, have inspected the proposed drill site and access route; that I am familiar with the conditions which currently exists; that the statements made in this APD package are, to the best of my knowledge, true and correct; and that the work associated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

Signature: Don Hamilton Date: 4-9-04

BOF STACK



CHOKER MANIFOLD



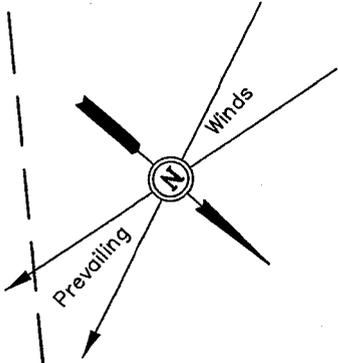
DOMINION EXPLR. & PROD., INC.

LOCATION LAYOUT FOR

LCU #10-2H

SECTION 2, T11S, R20E, S.L.B.&M.

2304' FSL 1841' FEL



SCALE: 1" = 50'
DATE: 03-21-04
Drawn By: D.R.B.

C-6.9'
El. 34.2'

C-4.9'
El. 32.2'

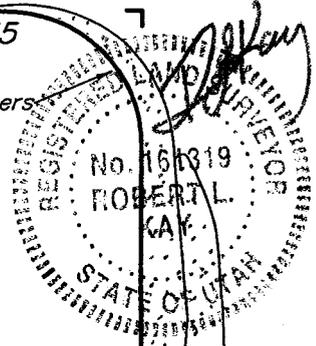
F-3.6'
El. 23.7'

Exist. Surface Pipeline

Approx. Top of Cut Slope

Sta. 3+55

Round Corners as Needed



Reserve Pit Backfill & Spoils Stockpile

FLARE PIT
El. 30.1'
C-2.8'

CATWALK

PIPE RACKS

El. 30.8'
C-11.5'
(btm. pit)

20' WIDE BENCH

El. 29.4'
C-2.1'

C-1.4'
El. 28.7'

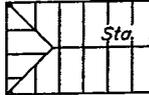
RIG DOG HOUSE

135' Sta. 1+80

F-2.9'
El. 24.4'

10' WIDE BENCH

Pit Capacity With 2' of Freeboard is 10,040 Bbls. ±



Slope = 1-1/2:1

MUD TANKS

WATER

TRAILER

TOILET

FUEL

PUMP

MUD SHED

HOPPER

POWER

TOOLS

FUEL

TRASH

STORAGE TANK

Sta. 0+00

Approx. Toe of Fill Slope

El. 28.0'
C-8.7'
(btm. pit)

20' WIDE DIKE

F-1.8'
El. 25.5'

Reserve Pit Backfill & Spoils Stockpile

F-2.2'
El. 25.1'

F-3.0'
El. 24.3'

F-5.4'
El. 21.9'

Proposed Access Road

Elev. Ungraded Ground at Location Stake = 5428.7'
Elev. Graded Ground at Location Stake = 5427.3'

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

DOMINION EXPLR. & PROD., INC.

TYPICAL CROSS SECTIONS FOR

LCU #10-2H

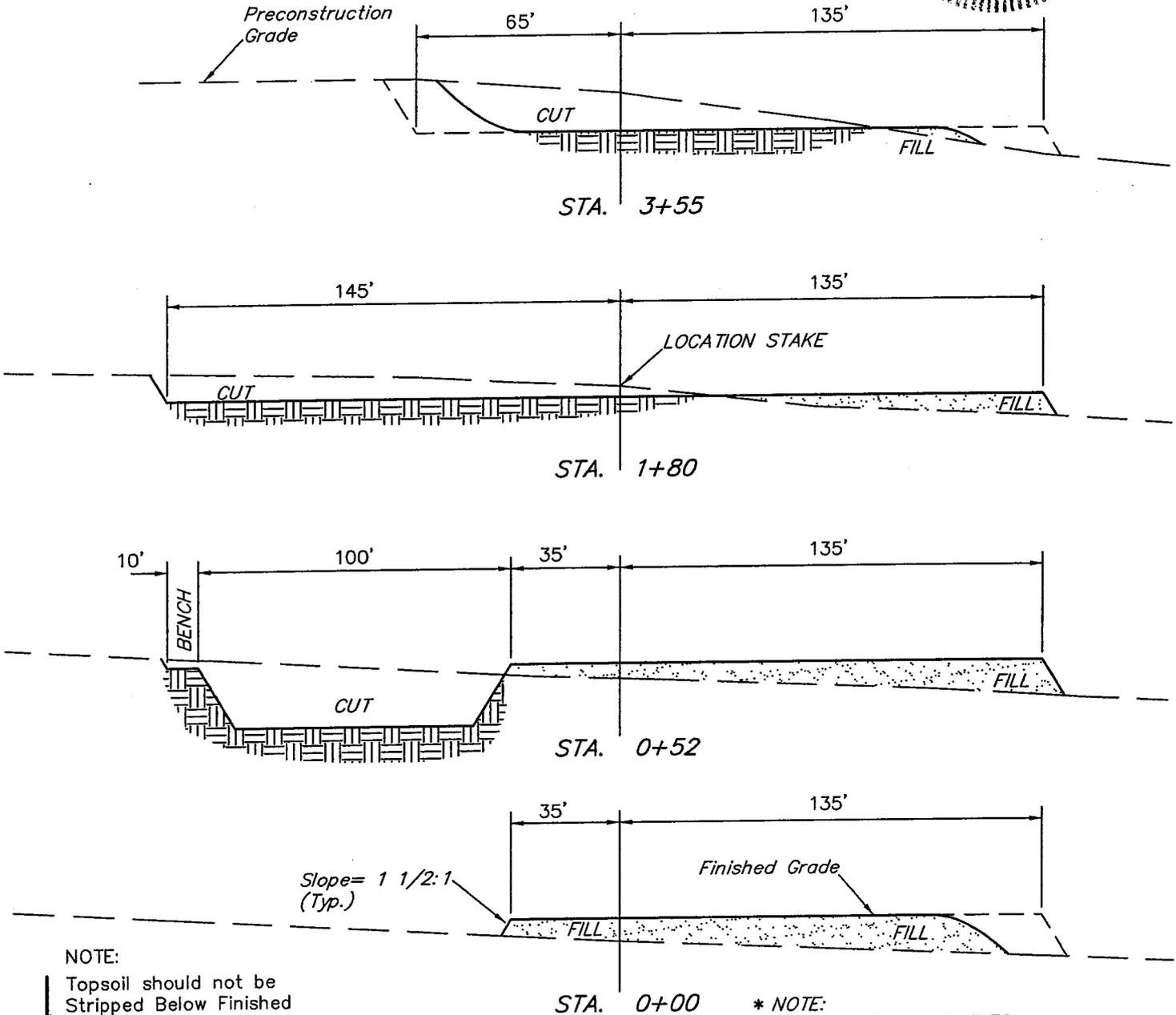
SECTION 2, T11S, R20E, S.L.B.&M.

2304' FSL 1841' FEL



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

DATE: 03-21-04
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		
(6") Topsoil Stripping	=	1,740 Cu. Yds.
Remaining Location	=	6,290 Cu. Yds.
TOTAL CUT	=	8,030 CU.YDS.
FILL	=	4,730 CU.YDS.

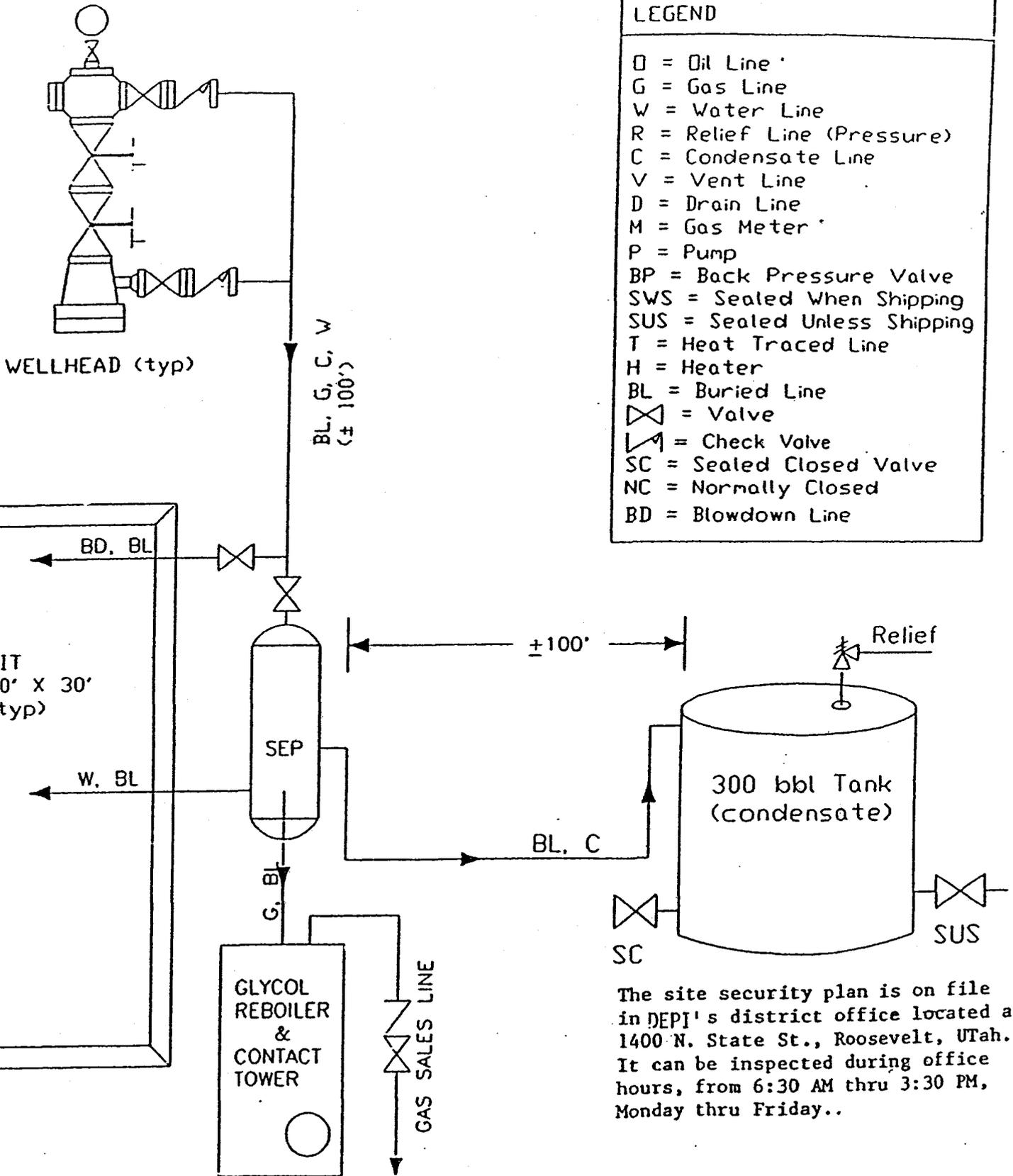
EXCESS MATERIAL	=	3,300 Cu. Yds.
Topsoil & Pit Backfill (1/2 Pit Vol.)	=	3,300 Cu. Yds.
EXCESS UNBALANCE (After Rehabilitation)	=	0 Cu. Yds.

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85 So. 200 East * Vernal, Utah 84078 * (435) 789-1017

CONFIDENTIAL

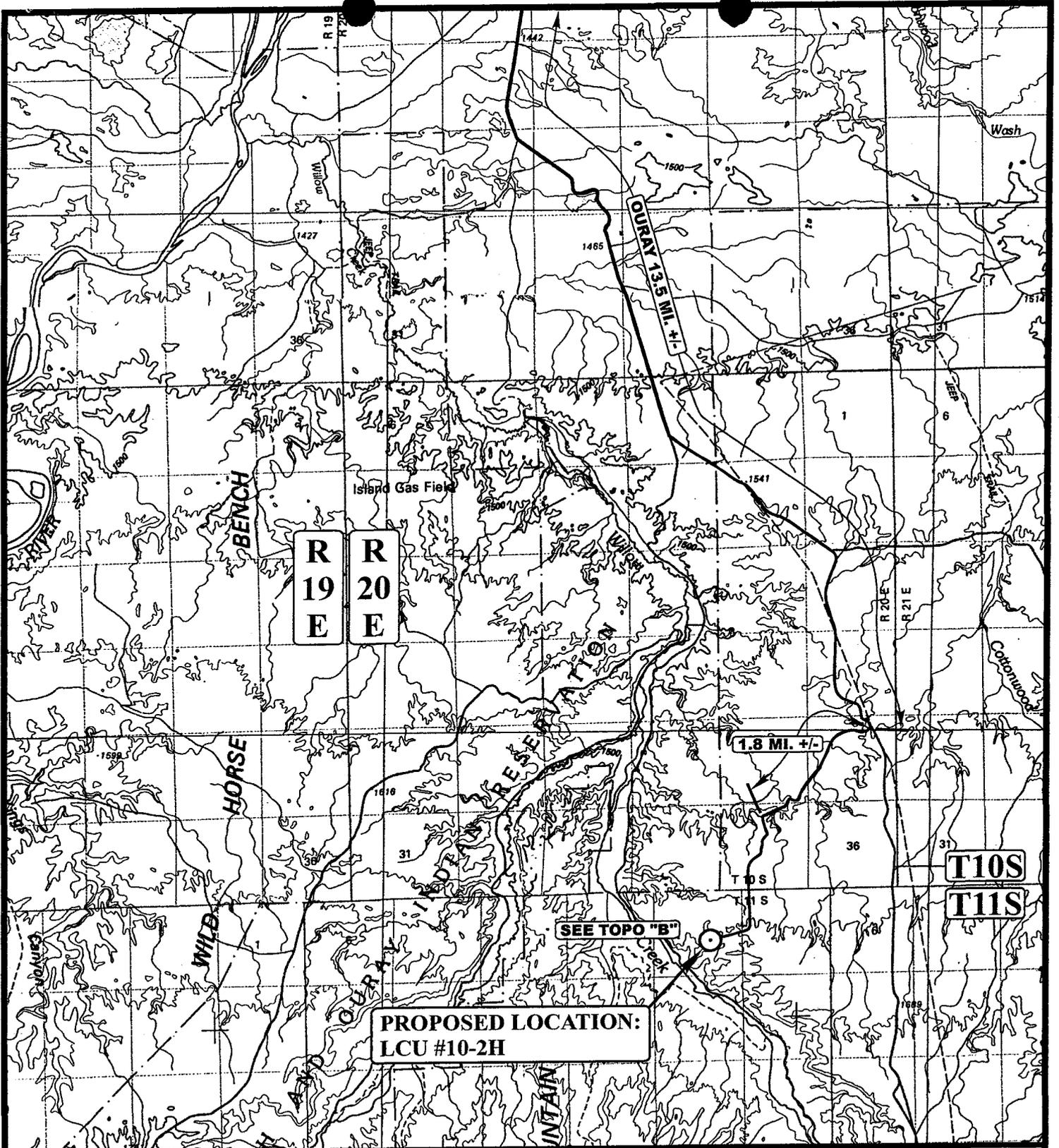
LEGEND

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



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

DOMINION EXPLORATION & PRODUCTION, INC.



LEGEND:

⊙ PROPOSED LOCATION

DOMINION EXPLR. & PROD., INC.

LCU #10-2H
SECTION 2, T11S, R20E, S.L.B.&M.
2304' FSL 1841' FEL



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



TOPOGRAPHIC
MAP

03 15 04
MONTH DAY YEAR

SCALE: 1:100,000 DRAWN BY: P.M. REVISED: 00-00-00



DOMINION EXPLR. & PROD., INC.

LCU #10-2H

LOCATED IN UINTAH COUNTY, UTAH
SECTION 2, T11S, R20E, S.L.B.&M.

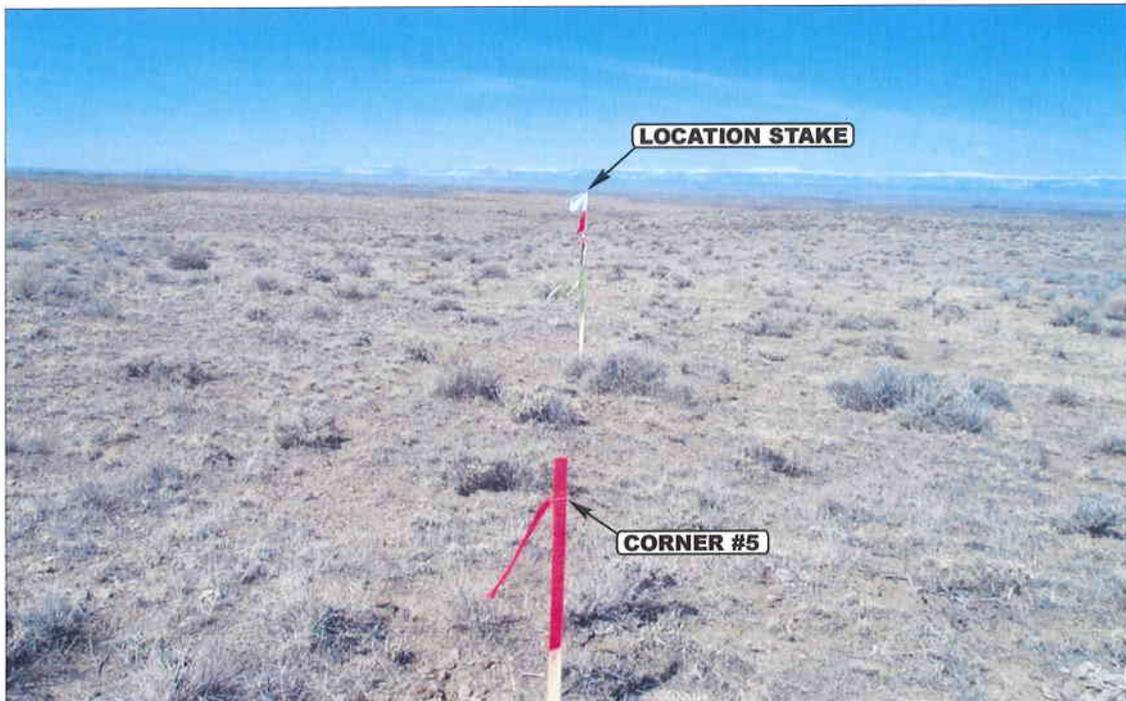


PHOTO: VIEW FROM CORNER #5 TO LOCATION STAKE

CAMERA ANGLE: NORTHWESTERLY

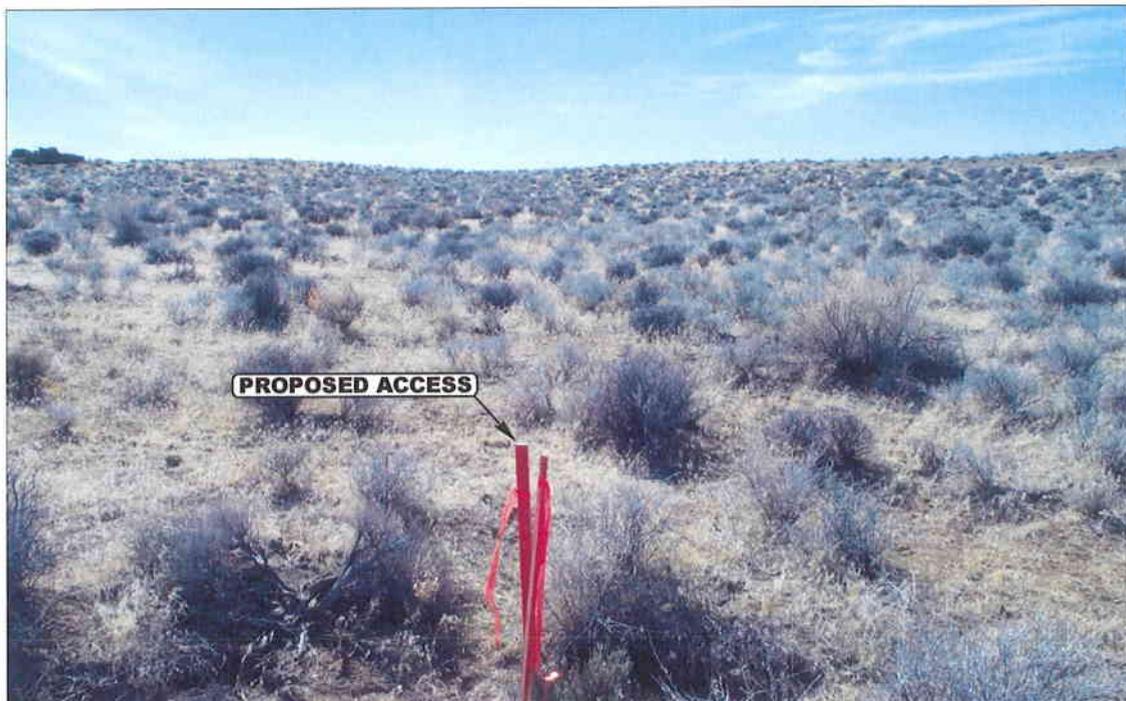


PHOTO: VIEW FROM BEGINNING OF PROPOSED ACCESS

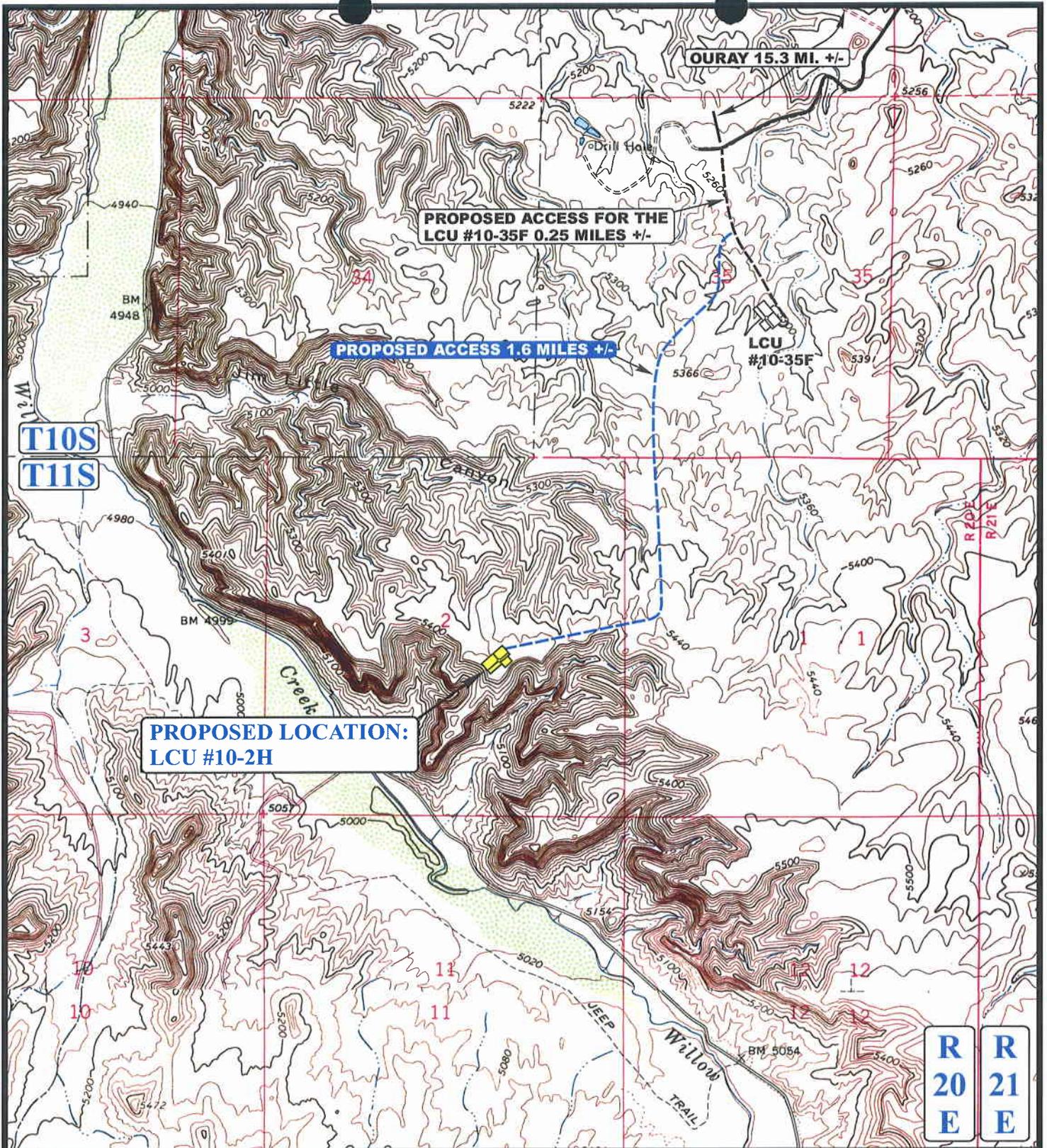
CAMERA ANGLE: SOUTHWESTERLY



- Since 1964 -

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

LOCATION PHOTOS			03	15	04	PHOTO
			MONTH	DAY	YEAR	
TAKEN BY: B.B.	DRAWN BY: P.M.	REVISED: 00-00-00				



LEGEND:

- EXISTING ROAD
- PROPOSED ACCESS ROAD

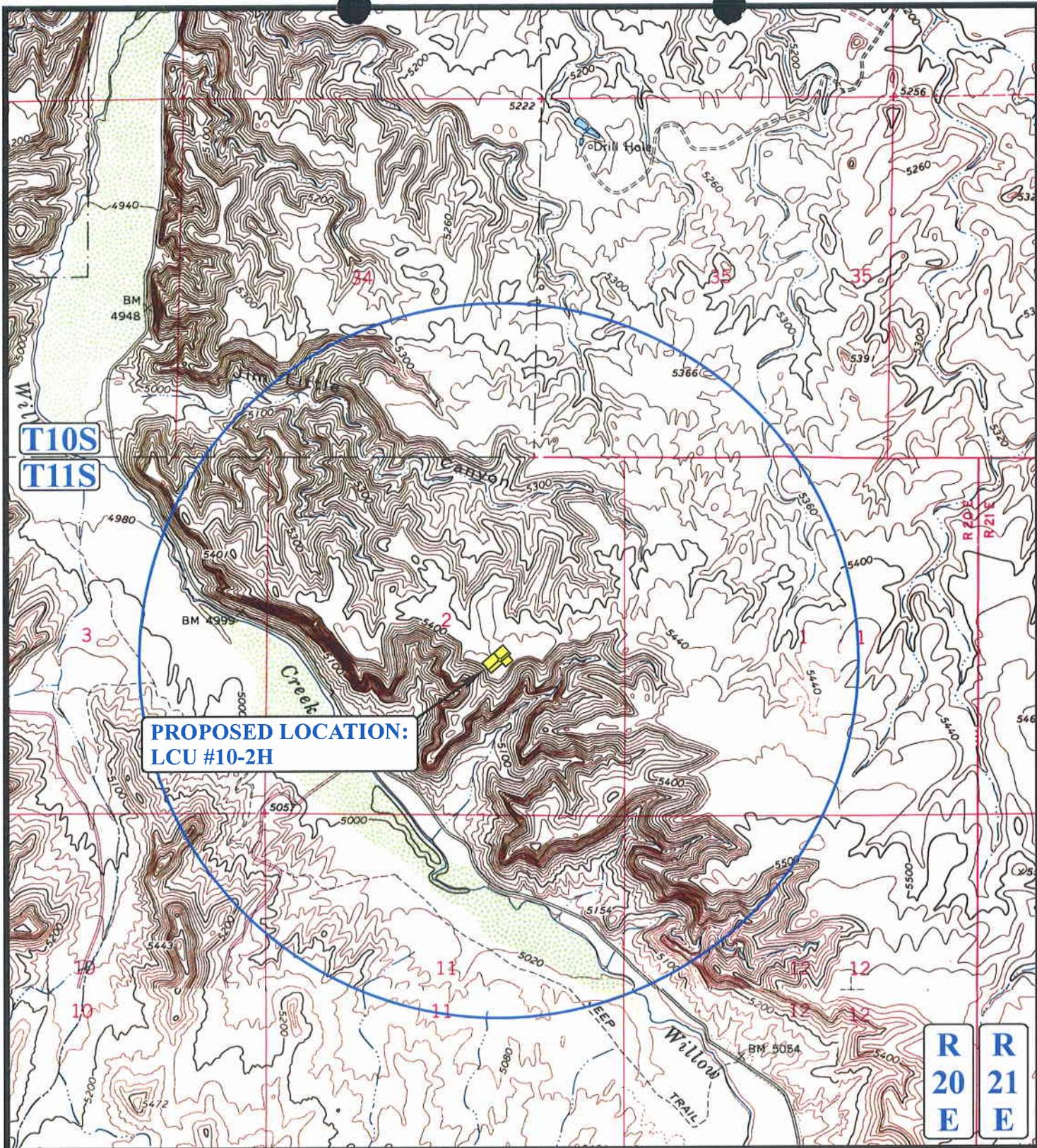


DOMINION EXPLR. & PROD., INC.

LCU #10-2H
SECTION 2, T11S, R20E, S.L.B.&M.
2304' FSL 1841' FEL

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

TOPOGRAPHIC MAP	<table border="1" style="border-collapse: collapse;"> <tr> <td style="padding: 2px;">03</td> <td style="padding: 2px;">15</td> <td style="padding: 2px;">04</td> </tr> <tr> <td style="font-size: 8px;">MONTH</td> <td style="font-size: 8px;">DAY</td> <td style="font-size: 8px;">YEAR</td> </tr> </table>	03	15	04	MONTH	DAY	YEAR	
03	15	04						
MONTH	DAY	YEAR						
SCALE: 1" = 2000' DRAWN BY: P.M. REVISED: 00-00-00								



**PROPOSED LOCATION:
LCU #10-2H**

LEGEND:

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

DOMINION EXPLR. & PROD., INC.

**LCU #10-2H
SECTION 2, T11S, R20E, S.L.B.&M.
2304' FSL 1841' FEL**



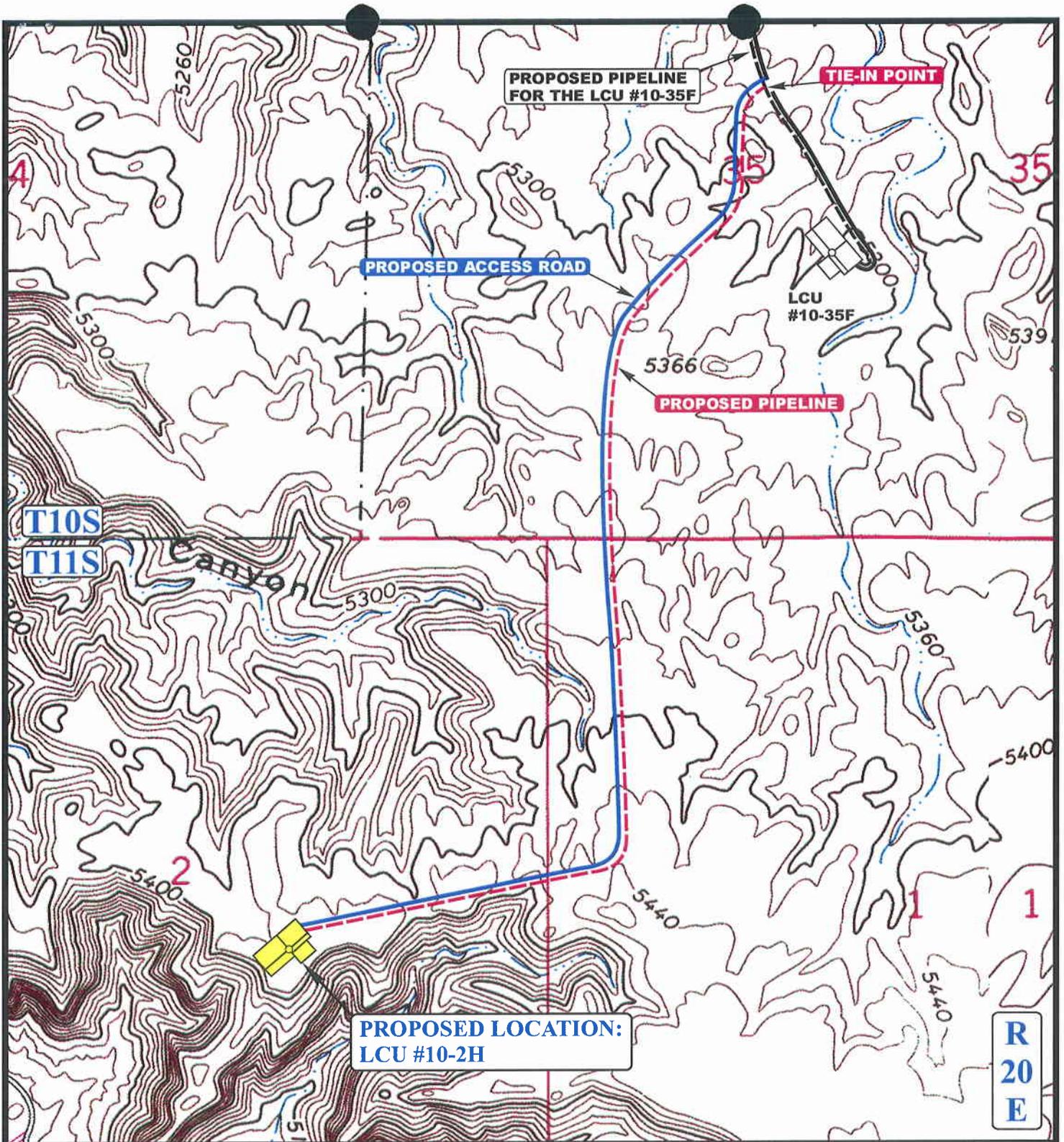
Utah Engineering & Land Surveying
85 South 200 East Vernal, Utah 84078
(435) 789-1017 * FAX (435) 789-1813



TOPOGRAPHIC MAP 03 15 04
MONTH DAY YEAR

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





APPROXIMATE TOTAL PIPELINE DISTANCE = 8,300' +/-

LEGEND:

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

DOMINION EXPLR. & PROD., INC.

**LCU #10-2H
SECTION 2, T11S, R20E, S.L.B.&M.
2304' FSL 1841' FEL**



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



TOPOGRAPHIC MAP 03 15 04
MONTH DAY YEAR

SCALE: 1" = 1000' DRAWN BY: P.M. REVISED: 00-00-00



003

WORKSHEET
APPLICATION FOR PERMIT TO DRILL

APD RECEIVED: 04/12/2004

API NO. ASSIGNED: 43-047-35643

WELL NAME: LCU 10-2H
OPERATOR: DOMINION EXPL & PROD (N1095)
CONTACT: DON HAMILTON

PHONE NUMBER: 435-650-1886

PROPOSED LOCATION:

NWSE 02 110S 200E
SURFACE: 2304 FSL 1841 FEL
BOTTOM: 2304 FSL 1841 FEL
UINTAH
UNDESIGNATED (2)

INSPECT LOCATN BY: / /		
Tech Review	Initials	Date
Engineering	DRD	5/24/04
Geology		
Surface		

LEASE TYPE: 3 - State
LEASE NUMBER: ML-45176 *OK*
SURFACE OWNER: 3 - State
PROPOSED FORMATION: MVRD
COALBED METHANE WELL? NO

LATITUDE: 39.88844
LONGITUDE: 109.64291

RECEIVED AND/OR REVIEWED:

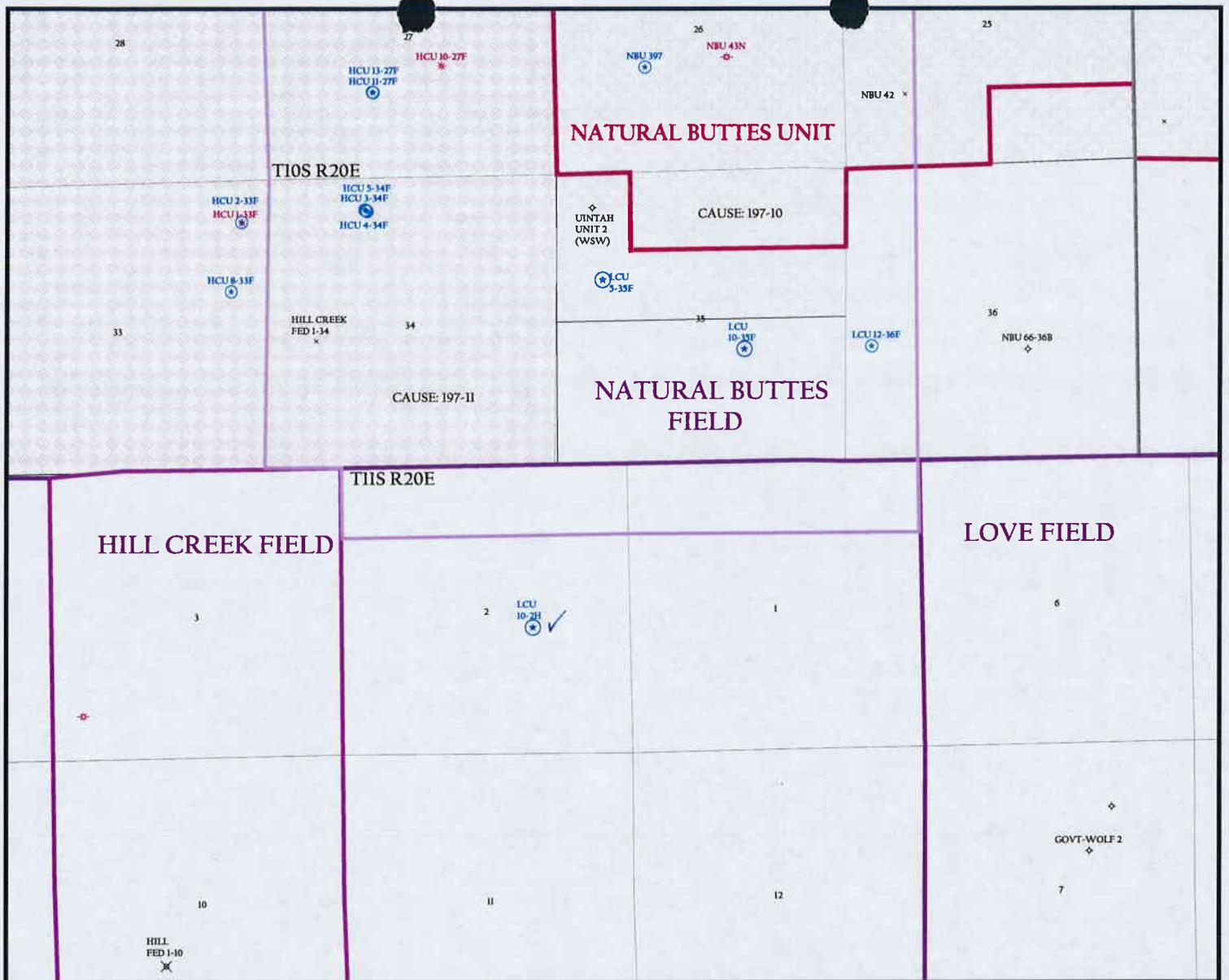
- Plat
- Bond: Fed[] Ind[] Sta[3] Fee[]
(No. 76S63050361 *OK*)
- Potash (Y/N)
- Oil Shale 190-5 (B) or 190-3 or 190-13
- Water Permit
(No. 43-10447)
- RDCC Review (Y/N)
(Date: _____)
- Fee Surf Agreement (Y/N)

LOCATION AND SITING:

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

COMMENTS: Needs Presite (05-05-04)

STIPULATIONS: 1- Spacing Strip
2- Surface Casing Cont Strip
3- STATEMENT OF BASIS



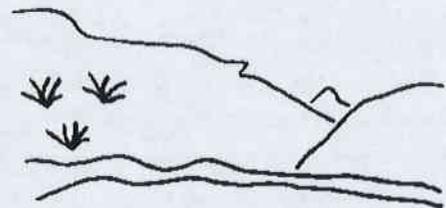
OPERATOR: DOMINION EXPL & PROD (N1095)

SEC. 2 T.11S, R.20E

FIELD: UNDESIGNATED (002)

COUNTY: UINTAH

SPACING: R649-3-3 / EXCEPTION LOCATION



Utah Oil Gas and Mining

Well Status

- ♣ GAS INJECTION
- ★ GAS STORAGE
- × LOCATION ABANDONED
- ⊕ NEW LOCATION
- ◇ PLUGGED & ABANDONED
- ★ PRODUCING GAS
- PRODUCING OIL
- ★ SHUT-IN GAS
- ◆ SHUT-IN OIL
- × TEMP. ABANDONED
- TEST WELL
- ▲ WATER INJECTION
- ◆ WATER SUPPLY
- ♣ WATER DISPOSAL

Unit Status

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

Field Status

- ABANDONED
- ACTIVE
- COMBINED
- INACTIVE
- PROPOSED
- STORAGE
- TERMINATED



PREPARED BY: DIANA WHITNEY
DATE: 13-APRIL-2004

ON-SITE PREDRILL EVALUATION
Division of Oil, Gas and Mining

OPERATOR: DOMINION EXPLORATION & PRODUCTION, INC.
WELL NAME & NUMBER: LCU 10-2H
API NUMBER: 43-047-35643
LEASE: ML-45176 **FIELD/UNIT:** UNDESIGNATED
LOCATION: 1/4,1/4 NW/SE Sec: 2 TWP:11S RNG: 20E 1841' FEL 2304' FSL
LEGAL WELL SITING: 460 F SEC. LINE; 460 F 1/4,1/4 LINE; 920 F ANOTHER WELL.
GPS COORD (UTM): 4416058E 12616026N **SURFACE OWNER:** STATE OF UTAH

PARTICIPANTS

DAVID W. HACKFORD (DOG M), FLOYD BARTLETT (DWR), JON BINGHAM, DON HAMILTON (DOMINION). ROBERT KAY (U.E.L.S.) TWO DIRT CONTRACTORS.

REGIONAL/LOCAL SETTING & TOPOGRAPHY

SITE IS ON THE WEST END OF A BROKEN PLAIN WHICH EXTENDS FOR SEVERAL MILES TO THE NORTH, EAST AND SOUTHEAST. THIS PLAIN DROPS OFF SHARPLY 200' WEST AND SOUTH OF PROPOSED LOCATION INTO WILLOW CREEK CANYON. WILLOW CREEK IS 0.3 MILES TO THE SOUTHWEST AND FLOWS NORTHWEST TO THE GREEN RIVER. OURAY, UTAH IS 14 MILES TO THE NORTH.

SURFACE USE PLAN

CURRENT SURFACE USE: WILDLIFE AND LIVESTOCK GRAZING, HUNTING.

PROPOSED SURFACE DISTURBANCE: LOCATION WILL BE 355' BY 270'. ACCESS ROAD WILL BE 1.6 MILES. 0.4 MILES OF THIS IS ON SECTION 2 WHICH IS STATE SURFACE.

LOCATION OF EXISTING WELLS WITHIN A 1 MILE RADIUS: SEE ATTACHED MAP FROM GIS DATABASE.

LOCATION OF PRODUCTION FACILITIES AND PIPELINES: ALL PRODUCTION FACILITIES WILL BE ON LOCATION AND ADDED AFTER DRILLING WELL. PIPELINE WILL FOLLOW ACCESS ROAD.

SOURCE OF CONSTRUCTION MATERIAL: ALL CONSTRUCTION MATERIAL WILL BE BORROWED FROM SITE DURING CONSTRUCTION OF LOCATION.

ANCILLARY FACILITIES: NONE WILL BE REQUIRED.

WASTE MANAGEMENT PLAN:

DRILLED CUTTINGS WILL BE SETTLED INTO RESERVE PIT. LIQUIDS FROM PIT WILL BE ALLOWED TO EVAPORATE. FORMATION WATER WILL BE CONFINED TO STORAGE TANKS. SEWAGE FACILITIES, STORAGE AND DISPOSAL WILL BE HANDLED BY COMMERCIAL CONTRACTOR. TRASH WILL BE CONTAINED IN TRASH BASKETS AND HAULED TO AN APPROVED LAND FILL.

ENVIRONMENTAL PARAMETERS

AFFECTED FLOODPLAINS AND/OR WETLANDS: NONE

FLORA/FAUNA: HORSEBRUSH, SHADSCALE, PRICKLEY PEAR, CHEATGRASS, RABBIT BRUSH, GLOBE MALLOW; PRONGHORN, COYOTES, SONGBIRDS, RAPTORS, RODENTS,

RABBITS.

SOIL TYPE AND CHARACTERISTICS: LIGHT BROWN SANDY CLAY WITH DARK GRAY
BROKEN SHALE ROCKS.

EROSION/SEDIMENTATION/STABILITY: VERY LITTLE NATURAL EROSION.
SEDIMENTATION AND STABILITY ARE NOT A PROBLEM AND LOCATION CONSTRUCTION
SHOULDN'T CAUSE AN INCREASE IN STABILITY OR EROSION PROBLEMS.

PALEONTOLOGICAL POTENTIAL: NONE OBSERVED

RESERVE PIT

CHARACTERISTICS: 140' BY 100' AND EIGHT FEET DEEP.

LINER REQUIREMENTS (Site Ranking Form attached): A 16 MIL PLASTIC LINER
AND FELT SUB-LINER WILL BE REQUIRED FOR RESERVE PIT.

SURFACE RESTORATION/RECLAMATION PLAN

AS PER SITLA.

SURFACE AGREEMENT: AS PER SITLA.

CULTURAL RESOURCES/ARCHAEOLOGY: SITE WAS INSPECTED BY JIM TRUESDALE. A COPY
OF HIS REPORT WILL BE SUBMITTED TO THE STATE OF UTAH.

OTHER OBSERVATIONS/COMMENTS

THIS PREDRILL INVESTIGATION WAS CONDUCTED ON A WARM, SUNNY DAY.

ATTACHMENTS

PHOTOS OF THIS SITE WERE TAKEN AND PLACED ON FILE.

DAVID W. HACKFORD
DOGM REPRESENTATIVE

5/05/04 10:00 AM
DATE/TIME

**Evaluation Ranking Criteria and Ranking Score
For Reserve and Onsite Pit Liner Requirements**

<u>Site-Specific Factors</u>	<u>Ranking</u>	<u>Site Ranking</u>
Distance to Groundwater (feet)		
>200	0	
100 to 200	5	
75 to 100	10	
25 to 75	15	
<25 or recharge area	20	<u>5</u>
Distance to Surf. Water (feet)		
>1000	0	
300 to 1000	2	
200 to 300	10	
100 to 200	15	
< 100	20	<u>0</u>
Distance to Nearest Municipal Well (feet)		
>5280	0	
1320 to 5280	5	
500 to 1320	10	
<500	20	<u>0</u>
Distance to Other Wells (feet)		
>1320	0	
300 to 1320	10	
<300	20	<u>0</u>
Native Soil Type		
Low permeability	0	
Mod. permeability	10	
High permeability	20	<u>20</u>
Fluid Type		
Air/mist	0	
Fresh Water	5	
TDS >5000 and <10000	10	
TDS >10000 or Oil Base Mud Fluid	15	
containing significant levels of hazardous constituents	20	<u>5</u>
Drill Cuttings		
Normal Rock	0	
Salt or detrimental	10	<u>0</u>
Annual Precipitation (inches)		
<10	0	
10 to 20	5	
>20	10	<u>0</u>
Affected Populations		
<10	0	
10 to 30	6	
30 to 50	8	
>50	10	<u>0</u>
Presence of Nearby Utility Conduits		
Not Present	0	
Unknown	10	
Present	15	<u>0</u>

Final Score 30 (Level I Sensitivity)

Sensitivity Level I = 20 or more; total containment is required.

Sensitivity Level II = 15-19; lining is discretionary.

Sensitivity Level III = below 15; no specific lining is required.





MAY 5 2004



MAY 5 2004

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

OPERATOR: DOMINION EXPLORATION & PRODUCTION, INC.
WELL NAME & NUMBER: LCU 10-2H
API NUMBER: 43-047-35643
LOCATION: 1/4,1/4 NW/SE Sec: 2 TWP: 11S RNG: 20E 1841'FEL 2304' FSL

Geology/Ground Water:

Dominion proposes to set 2,000 feet of surface casing cemented to the surface. The base of the moderately saline water is estimated at 4,400 feet. A search of Division of Water Rights records shows 2 water wells within a 10,000 foot radius of the proposed location. These wells are over a mile from the proposed location. Use is listed as stock/wildlife watering. The surface formation at this location is the Uinta Formation. The Uinta Formation is made up of discontinuous sands interbedded with shales and are not expected to produce prolific aquifers. The proposed surface casing should adequately protect any near surface aquifers. The production string cement should be brought up above the base of the moderately saline water to prevent it from mixing with fresher waters up hole.

Reviewer: Brad Hill **Date:** 05-11-2004

Surface:

The predrill investigation of the surface was performed on 5/05/04. Floyd Bartlett with DWR and Ed Bonner with SITLA were invited to this investigation on 4/22/04. Mr. Bartlett was present; SITLA did not have a representative present. Mr. Bartlett did not have any concerns regarding the construction of this location or the drilling of the well. This site is on State surface with State minerals. There is a sandstone ledge approx. 15' below the graded elevation of the proposed location. This ledge is exposed on the canyon wall 250' to the west and south. Because of this ledge, it is very likely blasting will be required to construct reserve pit. This site appears to be the best site for a location in the immediate area.

Reviewer: David W. Hackford **Date:** 5/07/04

Conditions of Approval/Application for Permit to Drill:

1. A 16 mil synthetic liner and felt subliner will be required for the reserve pit.



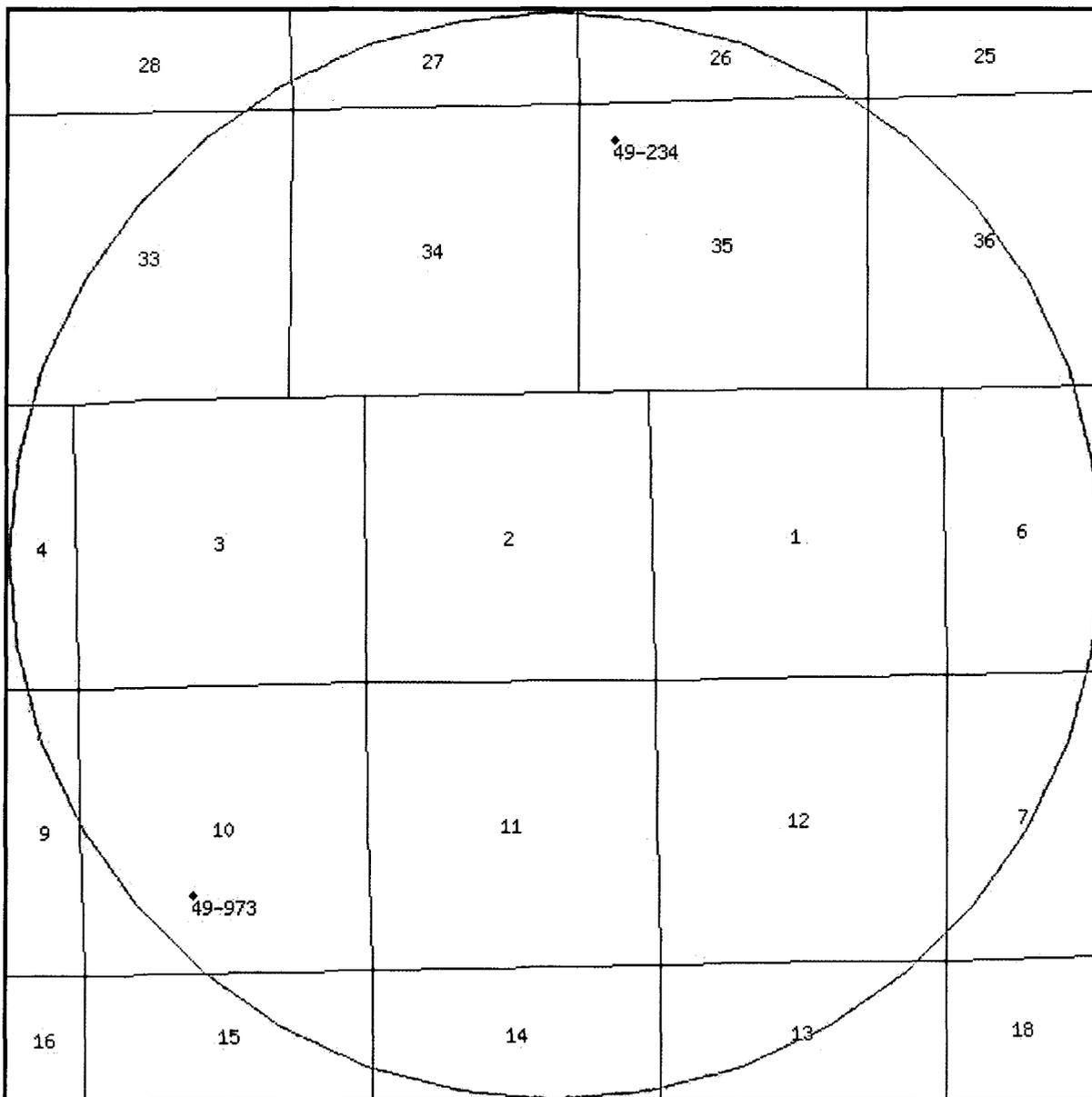
Search Uta

UTAH DIVISION OF WATER RIGHTS

WRPLAT Program Output Listing

Version: 2004.03.26.00 Rundate: 05/11/2004 01:40 PM

Radius search of 10000 feet from a point N2304 W1841 from the SE corner, section 02, Township 11S, Range 20E, SL b&m Criteria:wrtypes=W,C,E podtypes=U status=U,A,P usetypes=all



0 1300 2500 3900 5200 ft

Water Rights

WR Number	Diversion Type/Location	Well Log	Status	Priority	Uses	CFS	ACFT	Owne
<u>49-234</u>	Underground S660 E660 NW 35 10S 20E SL		P	19640915	S	0.055	0.000	USA Bureau of L 2370 South 2300
<u>49-973</u>	Underground N1458 E1990 SW 10 11S 20E SL		P	19810904	OS	0.015	0.000	Vernal District U Management 170 South 500 Ea

[Natural Resources](#) | [Contact](#) | [Disclaimer](#) | [Privacy Policy](#) | [Accessibility Policy](#)

Casing Schematic

Surface

8-5/8"
MW 8.4
Frac 19.3

Propose to Top out
TOC @ 336.
727 Green River
w/ 18% Washout
Surface
2000. MD

$(.052)(9.6)(8000) = 3578$
Anticipate 2000 MP

$(.12)(8000) = 960$

MASP = 2618 ✓

BOPE - 3,000 proposal

Surf Csg - 3930
70% = 2751 psi

Test to 2600 psi Min ✓

Adequate DWD 5/24/04

TOC @ 3536.

4117 Wasatch
4400 BMSW
5017 Chapita
5304 TOC TAD

w/ 15% Washout

7317 Mesaverde

5-1/2"
MW 8.6

Production
8000. MD

Well name:	05-04 Dominion LCU 10-2H	
Operator:	Dominion Exploration & Production	
String type:	Surface	Project ID: 43-047-35643
Location:	Uintah County	

Design parameters:

Collapse

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

Minimum design factors:

Collapse:

Design factor 1.125

Burst:

Design factor 1.00

Environment:

H2S considered? No
Surface temperature: 65 °F
Bottom hole temperature: 93 °F
Temperature gradient: 1.40 °F/100ft
Minimum section length: 200 ft

Cement top: 336 ft

Burst

Max anticipated surface pressure: -62 psi
Internal gradient: 0.468 psi/ft
Calculated BHP 873 psi

No backup mud specified.

Tension:

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

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

Non-directional string.

Re subsequent strings:

Next setting depth: 8,000 ft
Next mud weight: 8.600 ppg
Next setting BHP: 3,574 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)	Internal Capacity (ft³)
1	2000	8.625	32.00	J-55	ST&C	2000	2000	7.875	127.1
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	873	3930	4.50	64	372	5.81 J

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

Phone: 801-538-5281
FAX: 801-359-3940

Date: May 18, 2004
Salt Lake City, Utah

Remarks:

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. Collapse strength is based on the Westcott, Dunlop & Kemler method of biaxial correction for tension.

Burst strength is not adjusted for tension.

Well name:	05-04 Dominion LCU 10-2H	
Operator:	Dominion Exploration & Production	
String type:	Production	Project ID: 43-047-35643
Location:	Uintah County	

Design parameters:

Collapse

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

Burst

Max anticipated surface pressure: -166 psi
Internal gradient: 0.468 psi/ft
Calculated BHP: 3,574 psi

No backup mud specified.

Minimum design factors:

Collapse:

Design factor 1.125

Burst:

Design factor 1.00

Tension:

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

Tension is based on air weight.
Neutral point: 6,957 ft

Environment:

H2S considered? No
Surface temperature: 65 °F
Bottom hole temperature: 177 °F
Temperature gradient: 1.40 °F/100ft
Minimum section length: 368 ft

Cement top: 3,536 ft

Non-directional string.

Run Seq	Segment Length (ft)	Size (in)	Nominal Weight (lbs/ft)	Grade	End Finish	True Vert Depth (ft)	Measured Depth (ft)	Drift Diameter (in)	Internal Capacity (ft³)
1	8000	5.5	17.00	Mav-80	LT&C	8000	8000	4.767	275.7
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	3574	6290	1.760	3574	7740	2.17	136	273	2.01 B

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

Phone: 801-538-5281
FAX: 801-359-3940

Date: May 18, 2004
Salt Lake City, Utah

Remarks:

Collapse is based on a vertical depth of 8000 ft, a mud weight of 8.6 ppg. The casing is considered to be evacuated for collapse purposes. Collapse strength is based on the Westcott, Dunlop & Kemler method of biaxial correction for tension.

Burst strength is not adjusted for tension.

From: Ed Bonner
To: Whitney, Diana
Date: 5/27/2004 9:43:44 AM
Subject: ML 48771

ML 48771 covers all of Sec. 2, T11S, R20E, SLM. Continental Land Resources LLC is the lessee.
Bond No 76S63050361 is Dominions \$80,000 statewide bond.

From: Ed Bonner
To: Whitney, Diana
Date: 7/19/2004 3:05:00 PM
Subject: Well Clearance

The following wells have been given cultural resource clearance by the Trust Lands Cultural Resources Group:

CDX Rockies, LLC
Atchee Canyon State 36-12-25 #1

MSC Exploration LP
State MSC 35-1

Westport Oil & Gas Company
North Bench State 24-18
State 1022-36E

Dominion Exploration & Production, Inc
LCU 10-2H (2 sites in access road on BLM land which must be avoided)

If you have any questions regarding this matter please give me a call.

CC: Garrison, LaVonne; Hill, Brad; Hunt, Gil



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

July 19, 2004

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

Re: LCU 10-2H Well, 2304' FSL, 1841' FEL, NW SE, Sec. 2, T. 11 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.

Appropriate information has been submitted to DOGM and administrative approval of the requested exception location is hereby 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 43-047-35643.

Sincerely,

John R. Baza
Associate Director

jc
Enclosures

cc: Uintah County Assessor
SITLA

Operator: Dominion Exploration & Production, Inc.

Well Name & Number LCU 10-2H

API Number: 43-047-35643

Lease: ML-45176

Location: NW SE **Sec.** 2 **T.** 11 South **R.** 20 East

Conditions of Approval

1. **General**

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

2. **Notification Requirements**

The operator is required to notify the Division of Oil, Gas and Mining of the following actions during drilling of this well:

- 24 hours prior to cementing or testing casing
- 24 hours prior to testing blowout prevention equipment
- 24 hours prior to spudding the well
- within 24 hours of any emergency changes made to the approved drilling program
- prior to commencing operations to plug and abandon the well

The following are Division of Oil, Gas and Mining contacts and their work telephone numbers (please leave a voice mail message if the person is not available to take the call):

- Dan Jarvis at (801) 538-5338
- Carol Daniels at (801) 538-5284 (spud)

3. **Reporting Requirements**

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

4. Compliance with the State of Utah Antiquities Act forbids disturbance of archeological, historical, or paleontological remains. Should archeological, historical or paleontological remains be encountered during your operations, you are required to immediately suspend all operations and immediately inform the Trust Lands Administration and the Division of State History of the discovery of such remains.

5. Compliance with the Conditions of Approval/Application for Permit to Drill outlined in the Statement of Basis. (Copy Attached)

6. Surface casing shall be cemented to the surface.

8. This proposed well is located in an area for which drilling units (well spacing patterns) have not been established through an order of the Board of Oil, Gas and Mining (the "Board"). In order to avoid the possibility of waste or injury to correlative rights, the operator is requested, once the well has been drilled, completed, and has produced, to analyze geological and engineering data generated therefrom, as well as any similar data from surrounding areas if available. As soon as is practicable after completion of its analysis, and if the analysis suggests an area larger than the quarter-quarter section upon which the well is located is being drained, the operator is requested to seek an appropriate order from the Board establishing drilling and spacing units in conformance with such analysis by filing a Request for Agency Action with the Board.

005

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 GAS WELL OTHER _____

2. NAME OF OPERATOR:
Dominion Exploration & Production, Inc.

3. ADDRESS OF OPERATOR:
14000 Quail Springs CITY Oklahoma City STATE OK ZIP 73134

4. LOCATION OF WELL
FOOTAGES AT SURFACE: 2034 FSL & 1841 FEL

QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN: NWSE 2 11S 20E

5. LEASE DESIGNATION AND SERIAL NUMBER:
ML-45176

6. IF INDIAN, ALLOTTEE OR TRIBE NAME:

7. UNIT or CA AGREEMENT NAME:

8. WELL NAME and NUMBER:
LCU 10-2H

9. API NUMBER:
43-047-35643

10. FIELD AND POOL, OR WILDCAT:

CONFIDENTIAL

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"/> 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 checked="" 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.

Dominion would like to change the TD from 8,000' to 9,200'.

RECEIVED

MAR 21 2005

DEPT. OF OIL, GAS & MINING

NAME (PLEASE PRINT) Carla Christian TITLE Regulatory Specialist

SIGNATURE *Carla Christian* DATE 3/18/2005

(This space for State use only)

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

DATE: 3/22/05
BY: *[Signature]*

(5/2000)

(See Instructions on Reverse Side)

* Cement on 5 1/2" production string shall be brought back to
± 4000' maximum to isolate Wasatch Formation

Casing Schematic

Surface

Propose To Top out

8-5/8"
MW 8.4
Frac 19.3

TOC @
336.

717 Green River

Surface
2000. MD

BHP

$$(0.052)(8.6)(9200) = 4114$$

Anticipate 2000

STIP

TOC ± 4000'
Protect Wasatch

4117 Wasatch

Gas

$$(0.12)(9200) = 1104$$

MASP = 3010

TOC @
4736.

Mud

$$(0.22)(9200) = 2024$$

MASP = 2090

w/15% Washout
TOC 4040' w/10% Washout

BOP - 3,000 ✓

Seaf Csg - 3930

768 = 2751

Max pressure @ shoe = 2530

Test To 2500# ✓ 5-1/2"
MW 8.6

Production
9200. MD

✓ Adequate DRD 3/22/05

Well name:	05-04 Dominion LCU 10-2H		
Operator:	Dominion Exploration & Production		
String type:	Production	Project ID:	43-047-35643
Location:	Uintah County		

Design parameters:

Collapse

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

Minimum design factors:

Collapse:

Design factor 1.125

Burst:

Design factor 1.00

Environment:

H2S considered? No
 Surface temperature: 65 °F
 Bottom hole temperature: 194 °F
 Temperature gradient: 1.40 °F/100ft
 Minimum section length: 368 ft

Cement top: 4,736 ft

Burst

Max anticipated surface pressure: -191 psi
 Internal gradient: 0.468 psi/ft
 Calculated BHP 4,110 psi

No backup mud specified.

Tension:

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

Non-directional string.

Tension is based on air weight.
 Neutral point: 8,000 ft

Run Seq	Segment Length (ft)	Size (in)	Nominal Weight (lbs/ft)	Grade	End Finish	True Vert Depth (ft)	Measured Depth (ft)	Drift Diameter (in)	Internal Capacity (ft³)
1	9200	5.5	17.00	Mav-80	LT&C	9200	9200	4.767	317

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	4110	6290	1.530	4110	7740	1.88	156	273	1.75 B

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

Phone: 801-538-5281
 FAX: 801-359-3940

Date: March 22, 2005
 Salt Lake City, Utah

Remarks:

Collapse is based on a vertical depth of 9200 ft, a mud weight of 8.6 ppg. The casing is considered to be evacuated for collapse purposes. Collapse strength is based on the Westcott, Dunlop & Kemler method of biaxial correction for tension.

Burst strength is not adjusted for tension.

Surface

8-5/8"
MW 8.4
Frac 19.3

TOC @
336.

Propose to Top out

727 Green River

w/ 18% Washout

Surface
2000. MD

$(.052)(9.6)(8000) = 3578$
Anticipate 2000 map

$(.12)(8000) = 960$

MASP = 2618 ✓

BOPE - 3,000 proposal

Surf Csg - 3930
70% = 2751 psi

Test to 2000 psi Min ✓

Adequate DWD 5/24/04

TOC @
3536.

4117 Wasatch

4400 Bmsw

5017 Chapita

5304 TOC Tail

w/ 15% Washout

7317 Mosavende

5-1/2"
MW 8.6

Production
8000. MD

CONFIDENTIAL

DIVISION OF OIL, GAS AND MINING

SPUDDING INFORMATIONName of Company: DOMINION EXPL & PROD INCWell Name: LCU 10-2HApi No: 43-047-35643 Lease Type: STATESection 02 Township 11S Range 20E County UINTAHDrilling Contractor BILL JR'S RIG # 6**SPUDDED:**Date 03/22/05Time 3:30 PMHow DRY**Drilling will Commence:** _____Reported by PAT WISENERTelephone # 1-435-828-1455 OR 435-823-1890Date 03/23/2005 Signed CHD

007

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

RECEIVED
MAR 28 2005

FORM 6

DIV. OF OIL, GAS & MINING

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
43-047-35643	LCU 10-2H		NWSE	2	11S	20E	Uintah
Action Code	Current Entity Number	New Entity Number	Spud Date		Entity Assignment Effective Date		
A	99999	14630	3/22/2005		3/31/05		
Comments: <u>MVRD</u>				CONFIDENTIAL			

Well 2

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

Well 3

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

ACTION CODES:

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

Carla Christian

Name (Please Print)

Carla Christian

Signature

Regulatory Specialist

3/24/2005

Title

Date

008

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 GAS WELL OTHER CONFIDENTIAL

2. NAME OF OPERATOR:
Dominion Exploration & Production, Inc.

3. ADDRESS OF OPERATOR:
14000 Quail Springs CITY Oklahoma City STATE OK ZIP 73134 PHONE NUMBER: (405) 749-1300

4. LOCATION OF WELL
FOOTAGES AT SURFACE: ²³⁰⁴ 2034 FSL & 1841 FEL

QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN: NWSE 2 11S 20E

5. LEASE DESIGNATION AND SERIAL NUMBER:
ML-48771

6. IF INDIAN, ALLOTTEE OR TRIBE NAME:

7. UNIT or CA AGREEMENT NAME:

8. WELL NAME and NUMBER:
LCU 10-2H

9. API NUMBER:
43-047-35643

10. FIELD AND POOL, OR WILDCAT:

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 type="checkbox"/> CASING REPAIR	<input type="checkbox"/> NEW CONSTRUCTION	<input type="checkbox"/> TEMPORARILY ABANDON
	<input type="checkbox"/> CHANGE TO PREVIOUS PLANS	<input type="checkbox"/> OPERATOR CHANGE	<input type="checkbox"/> TUBING REPAIR
	<input type="checkbox"/> CHANGE TUBING	<input type="checkbox"/> PLUG AND ABANDON	<input type="checkbox"/> VENT OR FLARE
<input checked="" type="checkbox"/> SUBSEQUENT REPORT (Submit Original Form Only) Date of work completion: _____	<input type="checkbox"/> CHANGE WELL NAME	<input type="checkbox"/> PLUG BACK	<input type="checkbox"/> WATER DISPOSAL
	<input type="checkbox"/> CHANGE WELL STATUS	<input type="checkbox"/> PRODUCTION (START/RESUME)	<input type="checkbox"/> WATER SHUT-OFF
	<input type="checkbox"/> COMMINGLE PRODUCING FORMATIONS	<input type="checkbox"/> RECLAMATION OF WELL SITE	<input checked="" type="checkbox"/> OTHER: <u>Spud Well</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.

Spud well 3/22/05. 3/24/05 ran 52 jts. 8 5/8", 32#, J-55 ST&C, 8rd csg., set @ 2226'. Cemented lead w/250 sks Type V, 11.0 ppg, 3.82 cuft/sk, tailed w/250 sks G, 15.8 ppg, 1.15 cuft/sk., bumped plugs, floats held, 20 bbls cmt back to surface. Cmt. fell back and topped off w/200 sks G. 4/7/04 logging well.

NAME (PLEASE PRINT) Carla Christian

TITLE Regulatory Specialist

SIGNATURE *Carla Christian*

DATE 4/8/2005

(This space for State use only)

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APR 11 2005
DIV. OF OIL, GAS & MINING



Dominion

FAX COVER

CONFIDENTIAL

009

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 : LCU 10-2H

T113 R20F S-02 43-047-35643

Pages including cover page: 3

Date : 4/13/2005

Time : 10:51:02 AM

E-mail Address: Terri_R_Potter@dom.com

Phone Number: (405) 749-5256

RECEIVED
APR 13 2005
DIV. OF OIL, GAS & MINING



WELL CHRONOLOGY REPORT

CONFIDENTIAL

WELL NAME : LCU 10-2H

DISTRICT : WESTERN

FIELD : NATURAL BUTTES 630

Event No: 1

LOCATION : 2304' FSL 1841' FEL SEC 2 T 11S R 20E

COUNTY & STATE : UINTAH

UT

CONTRACTOR :

WM % : 1.00 AFE # : 0501156

API # : 43-047-35643

PLAN DEPTH : 8,000

SPUD DATE :

DHC : \$401,500

CWC : \$563,500

AFE TOTAL : \$965,000

FORMATION : WASATCH/MESAVERDE

EVENT DC : \$620,910.90

EVENT CC : \$12,862.00

EVENT TC : \$633,772.90

WELL TOTL COST : \$640,390

REPORT DATE: 03/23/05

MD : 950

TVD : 950

DAYS : 4

MW :

VISC :

DAILY : DC : \$895.00

CC : \$0.00

TC : \$895.00

CUM : DC : \$895.00

CC : \$0.00

TC : \$895.00

DAILY DETAILS : MIRU SPUD @ 15:30 03/22/2005

DRLG F/ 0 TO 950

REPORT DATE: 03/24/05

MD : 2,100

TVD : 2,100

DAYS : 5

MW :

VISC :

DAILY : DC : \$895.00

CC : \$0.00

TC : \$895.00

CUM : DC : \$1,790.00

CC : \$0.00

TC : \$1,790.00

DAILY DETAILS : DRLG F/ 950 TO 2100

REPORT DATE: 03/25/05

MD : 2,250

TVD : 2,250

DAYS : 6

MW :

VISC :

DAILY : DC : \$132,311.06

CC : \$0.00

TC : \$132,311.06

CUM : DC : \$134,101.06

CC : \$0.00

TC : \$134,101.06

DAILY DETAILS : DRLG F/ 2100 TO 2250 RUN CSG / 52 JTS OF 8 5/8 32# J-55 ST&C 8RD CSG TO 2226.10' GL CEMENT W/ 250 SKS OF TYPE V W/ 16% GEL, 10#/SK GILSONITE, 3% SALT, 3#/SK GR-3, 1/4#/SK FLOCELE, 11 PPG, 3.82 CUFT/SK, 23 GAL WATER/SK, FOLLOWED BY 250 SKS G W/ 2% CALC CHLORIDE, 1/4#/SK FLOCELE, 15.8 PPG, 1.15 CUFT/SK, 5 GAL WATER/SK, DISP W/ 133 BBLS WATER, BUMP PLUG W/ 750 PSI, FLOATS HELD, 20 BBLS CEMENT BACK TO SURFACE, CEMENT FELL BACK AND TOPPED OFF W/ 200 SKS G W/ 2% CALC CHLORIDE, 1/4#/SK FLOCELE

REPORT DATE: 03/30/05

MD : 2,250

TVD : 2,250

DAYS : 1

MW :

VISC :

DAILY : DC : \$0.00

CC : \$0.00

TC : \$0.00

CUM : DC : \$134,101.06

CC : \$0.00

TC : \$134,101.06

DAILY DETAILS : MIRU TEST BOPE SCHEDULED OPERATIONS (AFE PLANNED)

REPORT DATE: 03/31/05

MD : 3,484

TVD : 3,484

DAYS : 2

MW : 8.4

VISC : 26

DAILY : DC : \$64,065.00

CC : \$0.00

TC : \$64,065.00

CUM : DC : \$198,166.06

CC : \$0.00

TC : \$198,166.06

DAILY DETAILS : PU BHA AND DP DRLG CEMENT, FLT AND SHOE FIT 100PSI FOR 30 MIN SURVEY @ 2263 1 DEG DRLG F/ 2263 TO 2373 RIG SERVICE DRLG F/ 2373 TO 2848 BAD SURVEY DRLG F/ 2848 TO 2880 SURVEY @ 2800 2 DEG DRLG F/ 2880 TO 3484

REPORT DATE: 04/01/05

MD : 5,487

TVD : 5,487

DAYS : 3

MW : 8.4

VISC : 26

DAILY : DC : \$30,506.00

CC : \$0.00

TC : \$30,506.00

CUM : DC : \$228,672.06

CC : \$0.00

TC : \$228,672.06

DAILY DETAILS : DRLG F/ 3484 TO 3577 SURVEY @ 3500 1 DEG DRLG F/ 3577 TO 3927 RIG SERVICE DRLG F/ 3927 TO 4595 SURVEY @ 4515 2 DEG DRLG F/ 4595 TO 5487

REPORT DATE: 04/02/05

MD : 6,250

TVD : 6,250

DAYS : 4

MW : 8.4

VISC : 26

DAILY : DC : \$24,595.00

CC : \$0.00

TC : \$24,595.00

CUM : DC : \$253,267.06

CC : \$0.00

TC : \$253,267.06

DAILY DETAILS : DRLG F/ 5487 TO 5583 SURVEY @ 5504 2 DEG DRLG F/ 5583 TO 6059 RIG SERVICE DRLG F/ 6059 TO 6189 WORK ON PUMPS PUMP FLAG FOR WASHOUT TOOH TO WASH OUT JOINT TWSTED OFF IN TABLE WAIT ON OVERSHOT TO RETRIEVE JOINT RU FISHING TOOLS AND PULL JOINT UP TO NEXT CONNECTION TIH WASH & REAM 60' TO BTM DRLG F/ 6189 TO 6250

REPORT DATE: 04/03/05

MD : 7,135

TVD : 7,135

DAYS : 5

MW : 8.5

VISC : 26

DAILY : DC : \$28,880.00

CC : \$0.00

TC : \$28,880.00

CUM : DC : \$282,147.06

CC : \$0.00

TC : \$282,147.06

DAILY DETAILS : DRLG F/ 6250 TO 6601 SURVEY @ 6522 2 DEG RIG SERVICE DRLG F/ 6601 TO 7135



WELL CHRONOLOGY REPORT

CONFIDENTIAL

WELL NAME : LCU 10-2H

DISTRICT : WESTERN

FIELD : NATURAL BUTTES 630

Event No: 1

LOCATION : 2304' FSL 1841' FEL SEC 2 T 11S R 20E

COUNTY & STATE : UINTAH

UT

CONTRACTOR :

WM % : 1.00 AFE # : 0501156

API # : 43-047-35643

PLAN DEPTH : 8,000

SPUD DATE :

DHC : \$401,500

CWC : \$563,500

AFE TOTAL : \$965,000

FORMATION : WASATCH/MESAVERDE

EVENT DC : \$620,910.90

EVENT CC : \$12,862.00

EVENT TC : \$633,772.90

WELL TOTL COST : \$640,390

REPORT DATE: 04/04/05 MD: 7,920 TVD: 7,920 DAYS: 6 MW: 8.5 VISC: 26
 DAILY: DC: \$24,020.00 CC: \$0.00 TC: \$24,020.00 CUM: DC: \$306,167.06 CC: \$0.00 TC: \$306,167.06
 DAILY DETAILS: DRLG F/ 7135 TO 7206 TOOH F/ WASHOUT 23 STDS TIH W&R 90' TO BTM DRLG F/ 7206 TO 7333 RIG SERVICE
 DRLG F/ 7333 TO 7616 SURVEY @ 7602 1.75 DEG DRLG F/ 7616 TO 7920

REPORT DATE: 04/05/05 MD: 8,503 TVD: 8,503 DAYS: 7 MW: 8.8 VISC: 32
 DAILY: DC: \$26,630.00 CC: \$0.00 TC: \$26,630.00 CUM: DC: \$332,797.06 CC: \$0.00 TC: \$332,797.06
 DAILY DETAILS: DRLG F/ 7920 TO 8224 RIG SERVICE DRLG F/ 8224 TO 8447 CIRC AND SWEEP HOLE HI VIS DRLG F/ 8447 TO
 8503 TOOH F/ BIT

REPORT DATE: 04/06/05 MD: 8,503 TVD: 8,503 DAYS: 8 MW: 8.8 VISC: 32
 DAILY: DC: \$22,145.00 CC: \$0.00 TC: \$22,145.00 CUM: DC: \$354,942.06 CC: \$0.00 TC: \$354,942.06
 DAILY DETAILS: TOOH F/ BIT CHG BIT & MOTOR, TIH W/ BHA SLIP AND CUT DRLG LINE MUD UP TO 32 VIS TIH TO 7250 W&R
 60' SAFETY MEETING CIRC AND COND MUD RIG SERVICE AND SAFETY MEETING W & R TO 8503

REPORT DATE: 04/07/05 MD: 8,890 TVD: 8,890 DAYS: 9 MW: 8.8 VISC: 38
 DAILY: DC: \$26,550.00 CC: \$0.00 TC: \$26,550.00 CUM: DC: \$381,492.06 CC: \$0.00 TC: \$381,492.06
 DAILY DETAILS: REAM TO BTM DRLG F/ 8503 TO 8610 TOOH F/ WASHOUT 45TH STD AND 1 IN HWDP DRLG F/ 8610 TO 8890

REPORT DATE: 04/08/05 MD: 9,056 TVD: 9,056 DAYS: 10 MW: 9.1 VISC: 39
 DAILY: DC: \$45,548.84 CC: \$0.00 TC: \$45,548.84 CUM: DC: \$427,040.90 CC: \$0.00 TC: \$427,040.90
 DAILY DETAILS: DRLG F/ 8890 TO 9056 CIRC F/ TOOH TOOH F/ LOGS REPAIR DRUM CHAIN TOOH F/ LOGS LOGGING TO 9056
 TIH TO LD DP CIRC AND COND

REPORT DATE: 04/09/05 MD: 9,056 TVD: 9,056 DAYS: 11 MW: 9.1 VISC: 39
 DAILY: DC: \$193,870.00 CC: \$0.00 TC: \$193,870.00 CUM: DC: \$620,910.90 CC: \$0.00 TC: \$620,910.90
 DAILY DETAILS: CIRC AND COND LD DP WORK ON HYDRO MATIC LD DP AND BHA RUN 214 JTS 9053.92' OF 5 1/2 17# M-80
 LT&C 8RD CSG, FLT COLLAR @ 9030.32' CEMENT CSG W/ 98SKS OF HIFILL V W/ 16% GEL, .6% EX-1, 3% SALT,
 1% HR-1, .25#/SK FLOCELE, 10#/SK GILSONITE, 11.6 PPG, 3.12 CUFT/SK, 17.83 GAL WATER/SK, FOLLOWED BY
 1069 SKS OF HLC TYPE V W/ 65% CEMENT, 35% POZ, 6% GEL, 3% KCL, 1% EX-1, .6% HALAD-322, 1/4#/SK
 FLOCELE, 13 PPG, 1.69 CUFT/SK, 8.81 GAL WATER/SK, DISP W/ 2% KCL BUMPED PLUG, FLOATS HELD, NO
 CEMENT TO SURFACE ND BOPE AND CLEAN PITS
 RELEASED RIG @ 0500 04/09/2005 RIGGING DOWN

REPORT DATE: 04/13/05 MD: 9,056 TVD: 0 DAYS: 1 MW: VISC:
 DAILY: DC: \$0.00 CC: \$12,862.00 TC: \$12,862.00 CUM: DC: \$620,910.90 CC: \$12,862.00 TC: \$633,772.90
 DAILY DETAILS: MIRU SCHLUMBERGER WIRE LINE, AND ACTION HOT OIL SERVICE. RUN CMT BOND LOG UNDER 1500#
 PRESSURE F/ W.L. PBD @ 8987' TO 2722' KB, FOUND CMT TOP @ 2950' KB. POOH W/ WIRE LINE, AND
 PRESSURE TEST CSG TO 5000#, HELD GOOD. RIH AND PERFORATE STAGE #1, RDMO WIRE LINE, AND HOT
 OILIER. WAIT ON FRAC DATE.

010

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

RECEIVED
APR 25 2005
DIV. OF OIL, GAS & 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-48771
2. NAME OF OPERATOR: Dominion Exploration & Production, Inc.		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: 2034 FSL & 1841 FEL		8. WELL NAME and NUMBER: LCU 10-2H
QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN: NWSE 2 11S 20E		9. API NUMBER: 43-047-35643
PHONE NUMBER: (405) 749-1300		10. FIELD AND POOL, OR WLDCAT:

CONFIDENTIAL

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 type="checkbox"/> CASING REPAIR	<input type="checkbox"/> NEW CONSTRUCTION	<input type="checkbox"/> TEMPORARILY ABANDON
	<input type="checkbox"/> CHANGE TO PREVIOUS PLANS	<input type="checkbox"/> OPERATOR CHANGE	<input type="checkbox"/> TUBING REPAIR
	<input type="checkbox"/> CHANGE TUBING	<input type="checkbox"/> PLUG AND ABANDON	<input type="checkbox"/> VENT OR FLARE
<input checked="" type="checkbox"/> SUBSEQUENT REPORT (Submit Original Form Only) Date of work completion: _____	<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: Spud Well
	<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.

4/8/05 ran 214 jts. 5 1/2", 17#, M-80, LT&C 8rd csg., set @ 9054. Cemented lead w/98 sks Hi-Fill V, 11.6 ppg, 3.12 cuft/sk, tailed w/1069 sks of HLC Type V, 13.0 ppg, 1.69 cuft/sk, bumped plug, floats held, released rig. First sales 4/19/05.

NAME (PLEASE PRINT) <u>Carla Christian</u>	TITLE <u>Regulatory Specialist</u>
SIGNATURE <u>Carla Christian</u>	DATE <u>4/21/2005</u>

(This space for State use only)



Dominion

FAX COVER

CONFIDENTIAL

011

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 : LCU 10-2H

TIS R20E S02 43-049-35643

Pages including cover page: 2

Date : 4/27/2005

Time : 10:49:42 AM

E-mail Address: Terri_R_Potter@dom.com

Phone Number: (405) 749-5256

RECEIVED

APR 2 / 2005

DIV. OF OIL, GAS & MINING



WELL CHRONOLOGY REPORT

CONFIDENTIAL

WELL NAME : LCU 10-2H

DISTRICT: WESTERN

COUNTY & STATE: Uintah

WI %: 1.00

AFE #: 0501156

DHC: \$401,500

CWC: \$563,500

EVENT DC: \$620,910.90

FIELD: NATURAL BUTTES 630

UT

API #: 43-047-35643

AFE TOTAL: \$965,000

EVENT CC: \$240,797.00

EVENT TC: \$861,707.90

Event No: 1

LOCATION: 2304' FSL 1841' FEL SEC 2 T 11S R 20E

CONTRACTOR:

PLAN DEPTH: 8,000

SPUD DATE:

FORMATION: WASATCH/MESAVERDE

WELL TOTL COST: \$972,260

REPORT DATE: 04/24/05

MD: 9,056

TVD: 0

DAYS: 4

MW:

VISC:

DAILY: DC: \$0.00

CC: \$17,200.00

TC: \$17,200.00

CUM: DC: \$620,910.90

CC: \$187,086.00

TC: \$807,996.90

DAILY DETAILS: MIRU SCHLUMBERGER WIRE LINE, RIH AND SET 5K CBP @ 6600' KB. BLEED PRESSURE OFF OF WELL, MIRU RIG AND EQUIPMENT FROM THE HCU 5-28F. NU DRILLING STACK, AND RU WORKING FLOOR. RIH W/ 4-3/4" ROCK TOOTH BIT (SN# 1005574), PUMP OFF BIT SUB, AND 213 JTS OF TBG. TAG CBP @ 6600' KB, INSTALL DRILLING RUBBER, AND SHUT WELL IN W/ EOT @ 6575' KB.

REPORT DATE: 04/26/05

MD: 9,056

TVD: 0

DAYS: 5

MW:

VISC:

DAILY: DC: \$0.00

CC: \$53,711.00

TC: \$53,711.00

CUM: DC: \$620,910.90

CC: \$240,797.00

TC: \$861,707.90

DAILY DETAILS: SICP 0#, SITP 0#. RU FOAM UNIT TO TBG, AND BREAK CIRCULATION IN 1 HOUR. DRILL OUT TOP KILL PLUG @ 6600' KB. RIH AND DRILL OUT CFP'S @ 7500', 8000', AND 8750' KB. RIH TAG SAND @ 8904', AND C/O 113' TO PBTD @ 9017' KB. CIRCULATE WELL CLEAN, AND SPOT 25 GALLONS OF BIOCIDES IN THE RAT HOLE. LD 3 JTS OF TBG, AND HANG 288 JTS ON HANGER W/ EOT @ 8932', AND PSN @ 8930' KB. RD WORKING FLOOR, ND DRILLING STACK, DROP BALL, AND NU WELL HEAD. RU FOAM UNIT TO TBG, AND ATTEMPT TO PUMP OFF BIT @ 2200# W/ NO LUCK. RU RIG PUMP AND PUMP OFF BIT, AND 1/2 OF PUMP OFF BIT SUB @ 3000#. BLOW WELL DRY W/ FOAM UNIT, AND SHUT WELL IN OVERNIGHT.

RECEIVED

APR 2 / 2005

DIV. OF OIL, GAS & MINING

RECEIVED
MAY 31 2005

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

CONFIDENTIAL
DIVISION OF OIL, GAS AND MINING
ENCLOSURE REPORT
(highlight changes)

FORM 8

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 _____

5. LEASE DESIGNATION AND SERIAL NUMBER:
ML-48771
6. IF INDIAN, ALLOTTEE OR TRIBE NAME

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

7. UNIT or CA AGREEMENT NAME
8. WELL NAME and NUMBER:
LCU 10-2H

4. LOCATION OF WELL (FOOTAGES)
AT SURFACE: 1619 FNL 8 749' FWL
304 FSL 1841 FEL
AT TOP PRODUCING INTERVAL REPORTED BELOW:
AT TOTAL DEPTH:

9. API NUMBER:
43-047-35643
10. FIELD AND POOL, OR WILDCAT
Natural Buttes

11. QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN:
NWSE 2 11S 20E
12. COUNTY
Uintah 13. STATE
UTAH

14. DATE SPURRED: 3/22/2005 15. DATE T.D. REACHED: 4/7/2005 16. DATE COMPLETED: 4/19/2005
ABANDONED READY TO PRODUCE

17. ELEVATIONS (DF, RKB, RT, GL):
5427' GL

18. TOTAL DEPTH: MD 9,056 TVD
19. PLUG BACK T.D.: MD 8,987 TVD

21. DEPTH BRIDGE MD
PLUG SET: TVD

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 Log

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

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

HOLE SIZE	SIZE/GRADE	WEIGHT (#/ft.)	TOP (MD)	BOTTOM (MD)	STAGE CEMENTER DEPTH	CEMENT TYPE & NO. OF SACKS	SLURRY VOLUME (BBL)	CEMENT TOP **	AMOUNT PULLED
12 1/4"	8 5/8"	J-55 32#	Surface	2,226		700 Sx		Surface	
7 7/8"	5 1/2" M-80	17#	Surface	9,054		1167 Sx		TOC 2,950	

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"	8,932							

26. PRODUCING INTERVALS

27. PERFORATION RECORD

FORMATION NAME	TOP (MD)	BOTTOM (MD)	TOP (TVD)	BOTTOM (TVD)	INTERVAL (Top/Bot - MD)	SIZE	NO. HOLES	PERFORATION STATUS
(A) Mesaverde	6,875	8,984			8810 - 8984	.43	79	Open <input checked="" type="checkbox"/> Squeezed <input type="checkbox"/>
(B)					8718 - 8733	.43	61	Open <input checked="" type="checkbox"/> Squeezed <input type="checkbox"/>
(C)					7714 - 7906	.43	60	Open <input checked="" type="checkbox"/> Squeezed <input type="checkbox"/>
(D)					7178 - 7426	.43	83	Open <input checked="" type="checkbox"/> Squeezed <input type="checkbox"/>

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

DEPTH INTERVAL	AMOUNT AND TYPE OF MATERIAL
8810 - 8984	Frac w/31,909# PR6000 Sd. w/236.9 mscf N2 & 629.6 bbls of YF 120ST
8718 - 8733	Frac w/23,204# PR6000 Sd. w/203.1 mscf N2 & 516.2 bbls of YF 120ST
7714 - 7906	Frac w/39,362# 20/40 Ottawa Sd. w/200.8 mscf N2 & 492.9 bbls of YF 115ST

29. ENCLOSED ATTACHMENTS:
7178 - 7426 Frac w/51,962# 20/40 Ottawa Sd. w/287.6 mscf N2 & 466.7 bbls of YF 115LG
 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: 4/19/2005		TEST DATE: 5/11/2005		HOURS TESTED: 24		TEST PRODUCTION RATES: →	OIL - BBL: 0	GAS - MCF: 86	WATER - BBL: 60	PROD. METHOD: Flowing
CHOKE SIZE: 48/64	TBG. PRESS. 662	CSG. PRESS. 886	API GRAVITY	BTU - GAS	GAS/OIL RATIO	24 HR PRODUCTION RATES: →	OIL - BBL: 0	GAS - MCF: 86	WATER - BBL: 60	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 Tongue	3,684
				Uteland Limestone	4,020
				Wasatch	4,159
				Chapita Wells	5,033
				Uteland Buttes	6,138
				Mesaverde	6,875

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 5/25/2005

This report must be submitted within 30 days of

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

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

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

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

Phone: 801-538-5340

Fax: 801-359-3940

Well file

From: Diana Whitney
To: Michael_Coulthard@blm.gov
Date: 6/20/2005 11:39:21 AM
Subject: Re: Little Canyon Unit Well

I'll let Earlene know. Thank you

>>> <Michael_Coulthard@blm.gov> 6/20/2005 11:37 AM >>>

Diana,

I was going through new completions and I just found the following:

LCU 10-2H 4304735643 NWSE 2 11s 20e

The well was permitted before the Little Canyon Unit was approved. It is on a committed lease and you'll want to change the Oil and Gas System showing that it is now in the Little Canyon Unit.

If you have any questions give me a call.

Thank you,

Mick

Michael L. Coulthard
Petroleum Engineer
Bureau of Land Management
Phone (801) 539-4042
Fax (801) 539-4200

CC: Earlene Russell

*done
6/28/05
ER*

CONFIDENTIAL

Division of Oil, Gas and Mining
OPERATOR CHANGE WORKSHEET

ROUTING

1. DJJ
2. CDW

X - Change of Operator (Well Sold)

Operator Name Change/Merger

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

7/1/2007

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

CA No.		Unit:		LITTLE CANYON				
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

1. (R649-8-10) Sundry or legal documentation was received from the **FORMER** operator on: 8/6/2007
2. (R649-8-10) Sundry or legal documentation was received from the **NEW** operator on: 8/6/2007
3. The new company was checked on the **Department of Commerce, Division of Corporations Database** on: 8/6/2007
- 4a. Is the new operator registered in the State of Utah: Business Number: 5655506-0143
- 4b. If **NO**, the operator was contacted on: _____
- 5a. (R649-9-2)Waste Management Plan has been received on: IN PLACE
- 5b. Inspections of LA PA state/fee well sites complete on: n/a
- 5c. Reports current for Production/Disposition & Sundries on: ok
6. **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
7. **Federal and Indian Units:**
 The BLM or BIA has approved the successor of unit operator for wells listed on: _____
8. **Federal and Indian Communization Agreements ("CA"):**
 The BLM or BIA has approved the operator for all wells listed within a CA on: _____
9. **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:

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

BOND VERIFICATION:

1. Federal well(s) covered by Bond Number: UTB000138
 2. Indian well(s) covered by Bond Number: n/a
 - 3a. (R649-3-1) The **NEW** operator of any state/fee well(s) listed covered by Bond Number 104312762
 - 3b. 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:

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

COMMENTS:

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

FORM 9

SUNDRY NOTICES AND REPORTS ON WELLS

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

		5. LEASE DESIGNATION AND SERIAL NUMBER:
		6. IF INDIAN, ALLOTTEE OR TRIBE NAME:
		7. UNIT or CA AGREEMENT NAME:
1. TYPE OF WELL OIL WELL <input type="checkbox"/> GAS WELL <input checked="" type="checkbox"/> OTHER _____		8. WELL NAME and NUMBER: SEE ATTACHED
2. NAME OF OPERATOR: XTO Energy Inc. <i>N2615</i>		9. API NUMBER: SEE ATTACHED
3. ADDRESS OF OPERATOR: 810 Houston Street CITY Fort Worth STATE TX ZIP 76102		10. FIELD AND POOL, OR WILDCAT: Natural Buttes
4. LOCATION OF WELL FOOTAGES AT SURFACE: SEE ATTACHED		COUNTY: Uintah
QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN:		STATE: UTAH

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

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

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

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

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

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

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

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

(This space for State use only)

APPROVED 91271107
Earlene Russell
Division of Oil, Gas and Mining
Earlene Russell, Engineering Technician

(See Instructions on Reverse Side)

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DIV. OF OIL, GAS & MINING

(5/2000)

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

LITTLE CANYON UNIT

api	well_name	qtr_qtr	sec	tpw	rng	lease_num	entity	Lease	well	stat
4304731026	HILL FEDERAL 1-10	NESW	10	110S	200E	U-44089	1368	Federal	GW	TA
4304731178	LAFKAS FED 1-3	SWSW	03	110S	200E	U-34350	1367	Federal	GW	S
4304735639	LCU 5-35F	SWNW	35	100S	200E	U-01470-C	14619	Federal	GW	P
4304735646	LCU 10-35F	NWSE	35	100S	200E	U-01470-D	14619	Federal	GW	P
4304735729	LCU 14-1H	SESW	01	110S	200E	UTU-73436	14619	Federal	GW	P
4304735730	LCU 12-1H	NWSW	01	110S	200E	UTU-73436	14619	Federal	GW	P
4304735731	LCU 2-12H	NWNE	12	110S	200E	UTU-73436	14619	Federal	GW	P
4304736164	LCU 6-6G	SENW	06	110S	210E	UTU-75700	14619	Federal	GW	P
4304736165	LCU 2-1H	NWNE	01	110S	200E	UTU-76264	14619	Federal	GW	P
4304736166	LCU 5-1H	SWNW	01	110S	200E	UTU-76264	14619	Federal	GW	P
4304736167	LCU 16-1H	SESE	01	110S	200E	UTU-73436	14619	Federal	GW	P
4304736168	LCU 11-1H	NESW	01	110S	200E	UTU-73436	14619	Federal	GW	P
4304736607	LCU 11-10H	NESW	10	110S	200E	U-44089	15361	Federal	GW	P
4304736774	LCU 2-10H	NWNE	10	110S	200E	UTU-44089	15330	Federal	GW	P
4304736775	LCU 7-3H	SWNE	03	110S	200E	UTU-44090-A	15777	Federal	GW	P
4304736776	LCU 11-3H	NESW	03	110S	200E	UTU-34350	16104	Federal	GW	DRL
4304736803	LCU 7-1H	SWNE	01	110S	200E	UTU-76264	14619	Federal	GW	P
4304736804	LCU 3-3H	NENW	03	110S	200E	UTU-44090-A	16070	Federal	GW	DRL
4304736805	LCU 14-3H	SESW	03	110S	200E	UTU-34350	16106	Federal	GW	DRL
4304736806	LCU 15-9H	SWSE	09	110S	200E	UTU-76265	16042	Federal	GW	DRL
4304736807	LCU 8-12H	SENE	12	110S	200E	U-73436	14619	Federal	GW	P
4304736811	LCU 14-35F	SESW	35	100S	200E	U-01470-D	14619	Federal	GW	P
4304736812	LCU 13-35F	SWSW	35	100S	200E	U-01470-D	14619	Federal	GW	P
4304736813	LCU 12-6G	NWSW	06	110S	210E	U-72665	15248	Federal	GW	P
4304736891	LCU 9-3H	NESE	03	110S	200E	UTU-34350	16107	Federal	GW	DRL
4304737198	LCU 6-11H	SENW	11	110S	200E	UTU-73436	16009	Federal	GW	P
4304737199	LCU 12-11H	NWSW	11	110S	200E	UTU-73436	16009	Federal	GW	P
4304737200	LCU 14-11H	SESW	11	110S	200E	UTU-73436	16009	Federal	GW	P
4304737449	LCU 9-11H	NESE	11	110S	200E	UTU-73436	16009	Federal	OW	P
4304738380	LCU 6-3H	SENW	03	110S	200E	UTU-44090-A	15939	Federal	GW	DRL
4304738381	LCU 10-3H	NWSE	03	110S	200E	UTU-34350	16157	Federal	GW	DRL
4304738382	LCU 16-3H	SESE	03	110S	200E	UTU-34350	16105	Federal	GW	DRL
4304738991	LCU 2-6GX (RIGSKID)	NWNE	06	110S	210E	UTU-075700	15912	Federal	GW	P
4304739065	UTE TRIBAL 3-11H	NENW	11	110S	200E	14-20-H62-5611	16073	Indian	GW	DRL
4304739066	UTE TRIBAL 7-11H	SWNE	11	110S	200E	14-20-H62-5611	16044	Indian	GW	P
4304739067	UTE TRIBAL 8-11H	SENE	11	110S	200E	14-20-H62-5611	16045	Indian	GW	DRL

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

LITTLE CANYON UNIT

api	well_name	qtr_qtr	sec	twp	rng	lease_num	entity	Lease	well	stat
4304735613	LCU 12-36F	NWSW	36	100S	200E	ML-47391	14619	State	GW	P
4304735643	LCU 10-2H	NWSE	02	110S	200E	ML-48771	14630	State	GW	P
4304736611	LCU 13-2H	SWSW	02	110S	200E	ML-48771	15704	State	GW	P
4304736779	LCU 5-2H	NESW	02	110S	200E	ML-48771	99999	State	GW	DRL
4304736780	LCU 11-2H	NESW	02	110S	200E	ML-48771	99999	State	GW	DRL
4304736783	LCU 14-36F	SESW	36	100S	200E	ML-47391	14619	State	GW	P
4304737986	LCU 3-36F	NENW	36	100S	200E	ML-47391	16071	State	GW	DRL
4304737987	LCU 10-36F	NWSE	36	100S	200E	ML-47391	15911	State	GW	S
4304737988	LCU 8-36F	SENE	36	100S	200E	ML-47391	16030	State	GW	P
4304737989	LCU 13-36F	SWSW	36	100S	200E	ML-47391	14619	State	GW	P
4304737999	LCU 6-36F	SENE	36	100S	200E	ML-47391	16059	State	GW	S
4304738026	LCU 11-36F	NESW	36	100S	200E	ML-47391	14619	State	GW	P
4304738256	LCU 8-2H	SENE	02	110S	200E	ML-48771	99999	State	GW	DRL
4304738257	LCU 12-2H	NWSW	02	110S	200E	ML-48771	15750	State	GW	P
4304738258	LCU 7-2H	SWNE	02	110S	200E	ML-48771	15664	State	GW	P
4304738259	LCU 9-2H	SENE	02	110S	200E	ML-48771	99999	State	GW	DRL
4304738260	LCU 15-36F	SWSE	36	100S	200E	ML-47391	15893	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: Little Canyon 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 Little Canyon 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 Little Canyon Unit Agreement.

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

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

Sincerely,

/s/ Greg J. Noble

Greg J. Noble
Acting Chief, Branch of Fluid Minerals

Enclosure

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AUG 16 2007
DIV. OF OIL, GAS & MINING

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

FORM 6

ENTITY ACTION FORM

Operator: XTO ENERGY INC. Operator Account Number: N 2615
 Address: 382 CR 3100
city AZTEC
state NM zip 87410 Phone Number: (505) 333-3100

Well 1

API Number	Well Name		QQ	Sec	Twp	Rng	County
4304735643	LCU 10-2H		NWSE	2	11S	20E	UINTAH
Action Code	Current Entity Number	New Entity Number	Spud Date		Entity Assignment Effective Date		
C	14630	14619 ✓	3/22/2005		12/1/2006 ✓		
Comments: MVRD = WSMVD — 8/24/10							

Well 2

API Number	Well Name		QQ	Sec	Twp	Rng	County
4304736607	LCU 11-10H		NESW	10	11S	20E	UINTAH
Action Code	Current Entity Number	New Entity Number	Spud Date		Entity Assignment Effective Date		
C	15361	14619 ✓	5/7/2006		12/1/2006 ✓		
Comments: MVRD = WSMVD — 8/24/10							

Well 3

API Number	Well Name		QQ	Sec	Twp	Rng	County
4304736611	LCU 13-2H		SWSW	2	11S	20E	UINTAH
Action Code	Current Entity Number	New Entity Number	Spud Date		Entity Assignment Effective Date		
C	15704	14619 ✓	10/1/2006		12/1/2006 ✓		
Comments: MVRD = WSMVD — 8/24/10							

ACTION CODES:

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

BARBARA A. NICOL

Name (Please Print) Barbara A. Nicol
 Signature _____
 REGULATORY COMP. TECH 8/18/2010
 Title _____ Date _____

RECEIVED

AUG 23 2010