

April 19, 2006

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 1-2H: 874' FNL & 445' FEL, Lot 1 (NE/4 NE/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 state 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  
Mrs. Carla Christian, Dominion  
Mr. Ken Secrest, Dominion

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

FORM 3

AMENDED REPORT   
(highlight changes)

<b>APPLICATION FOR PERMIT TO DRILL</b>			5. MINERAL LEASE NO: ML-48771	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: Little Canyon Unit	
2. NAME OF OPERATOR: Dominion Exploration & Production, Inc.			9. WELL NAME and NUMBER: LCU 1-2H	
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	
4. LOCATION OF WELL (FOOTAGES) AT SURFACE: 874' FNL & 445' FEL, Lot 1 (NE/4 NE/4), 4414697Y -109.638022 AT PROPOSED PRODUCING ZONE: 874' FNL & 445' FEL, Lot 1 (NE/4 NE/4),			11. QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN: 2 11 20 S	
14. DISTANCE IN MILES AND DIRECTION FROM NEAREST TOWN OR POST OFFICE: 13.58 miles south of Ouray, Utah			12. COUNTY: Uintah	13. STATE: UTAH
15. DISTANCE TO NEAREST PROPERTY OR LEASE LINE (FEET) 445'	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) 2,550'	19. PROPOSED DEPTH: 7,950		20. BOND DESCRIPTION: SITLA Blanket 76S 63050 361	
21. ELEVATIONS (SHOW WHETHER DF, RT, GR, ETC.): 5,388'	22. APPROXIMATE DATE WORK WILL START: 9/1/2006		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 S 32#	2,000	see Drilling Plan 219/236/100
7-7/8"	5-1/2" Mav 80 L 17#	7,950	see Drilling Plan 60/540
			(7950' MD)

**ATTACHMENTS**

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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 \_\_\_\_\_ DATE 4/19/2006

(This space for State use only)

API NUMBER ASSIGNED: 43047-38027

APPROVAL: \_\_\_\_\_

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**STATE OF UTAH**  
DEPARTMENT OF NATURAL RESOURCES  
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7-7/8"	5-1/2" Mav 80 L 17#	7,950	see Drilling Plan 60/540
			(7950' MD)

**25. ATTACHMENTS**

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

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

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

SIGNATURE \_\_\_\_\_ DATE 4/19/2006

(This space for State use only)

API NUMBER ASSIGNED: 43047-38027

APPROVAL: **Approved by the Utah Division of Oil, Gas and Mining** (See Instructions on Reverse Side)

Date: 06-29-06  
By: [Signature]

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APR 21 2006  
DIV. OF OIL, GAS & MINING

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

DOMINION EXPLR. & PROD., INC.

Well location, LCU #1-2H, located as shown in (Lot 1) of Section 2, T11S, R20E, S.L.B.&M. Uintah County Utah.

BASIS OF ELEVATION

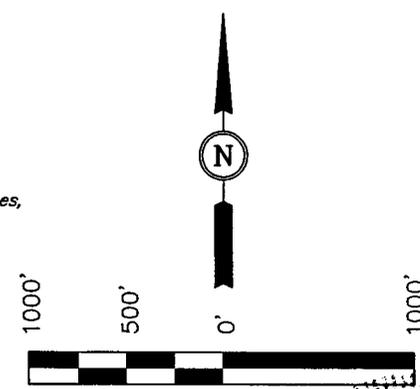
SPOT ELEVATION AT THE SOUTHWEST CORNER OF SECTION 20, T10S, R20E, S.L.B.&M. TAKEN FROM THE BIG PACK MTN. NW QUADRANGLE, UTAH, UINTAH COUNTY, 7.5 MINUTE QUAD. (TOPOGRAPHIC MAP) PUBLISHED BY THE UNITED STATES DEPARTMENT OF THE INTERIOR, GEOLOGICAL SURVEY. SAID ELEVATION IS MARKED AS BEING 5251 FEET.

LCU #1-2H  
Elev. Ungraded Ground = 5388'

LINE TABLE		
LINE	BEARING	LENGTH
L1	N89°46'09"E	463.23'
L2	S89°53'56"E	887.52'
L3	S85°32'11"E	77.90'

BASIS OF BEARINGS

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



SCALE  
CERTIFICATE

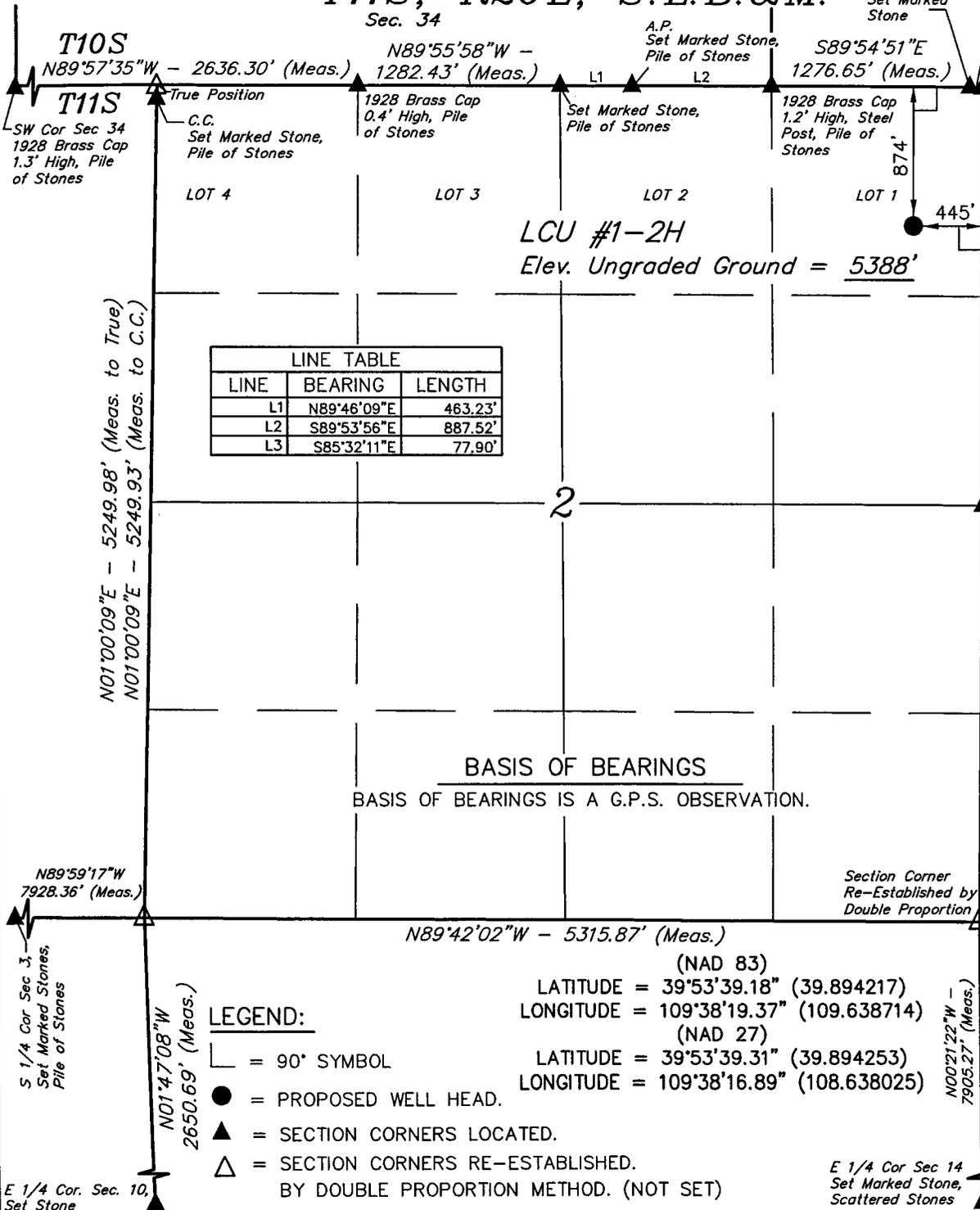
THIS IS TO CERTIFY THAT THE ABOVE PLAT WAS PREPARED FROM FIELD NOTES OF ACTUAL SURVEYS MADE BY ME OR UNDER MY SUPERVISION AND THAT THE SAME ARE TRUE AND CORRECT TO THE BEST OF MY KNOWLEDGE AND BELIEF

*John H. ...*  
REGISTERED LAND SURVEYOR  
REGISTRATION NO. 100319  
STATE OF UTAH

N89°57'50"W - 2657.89' (Meas.)

S 1/4 Cor Sec 1  
Set Marked Stones,  
Pile of Stones

<p><b>UINTAH ENGINEERING &amp; LAND SURVEYING</b> 85 SOUTH 200 EAST - VERNAL, UTAH 84078 (435) 789-1017</p>		
SCALE 1" = 1000'	DATE SURVEYED: 03-07-06	DATE DRAWN: 03-15-06
PARTY B.B. B.C. C.G.	REFERENCES G.L.O. PLAT	
WEATHER COOL	FILE DOMINION EXPLR. & PROD., INC	



LEGEND:

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

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

E 1/4 Cor. Sec. 10,  
Set Stone

# 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 1-2H  
874' FNL & 445' 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>
Wasatch Tongue	3,700'
Green River Tongue	4,060'
Wasatch	4,200'
Chapita Wells	5,050'
Uteland Buttes	6,200'
Mesaverde	6,980'

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

<u>Formation</u>	<u>Depth</u>	<u>Type</u>
Wasatch Tongue	3,700'	Oil
Green River Tongue	4,060'	Oil
Wasatch	4,200'	Gas
Chapita Wells	5,050'	Gas
Uteland Buttes	6,200'	Gas
Mesaverde	6,980'	Gas

4. PROPOSED CASING PROGRAM

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

<u>Type</u>	<u>Size</u>	<u>Weight</u>	<u>Grade</u>	<u>Conn.</u>	<u>Top</u>	<u>Bottom</u>	<u>Hole</u>
Surface	8-5/8"	32.0 ppf	J-55	STC	0'	2,000'	12-1/4"
Production	5-1/2"	17.0 ppf	MAV-80	LTC	0'	7,950'	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'±.

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

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**DRILLING PLAN**

**APPROVAL OF OPERATIONS**

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

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

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

6. **MUD SYSTEMS**

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

<u>Depths</u>	<u>Mud Weight (ppg)</u>	<u>Mud System</u>
0' – 2,000'	8.4	Air foam mist, rotating head and diverter
2,000' – 7,950'	8.6	Fresh water/2% KCL/KCL mud system

7. **BLOOIE LINE**

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

8. **AUXILIARY EQUIPMENT TO BE USED**

- 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.

11. **WATER SUPPLY**

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

## DRILLING PLAN

### APPROVAL OF OPERATIONS

#### 12. CEMENT SYSTEMS

##### a. Surface Cement:

- Drill 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>Volume</u>	<u>Volume</u>
Lead	219	0'-1,500'	11.0 ppg	3.82 CFS	619 CF	836 CF
Tail	236	1,500'-2,000'	15.6 ppg	1.18 CFS	206 CF	279 CF
Top Out	100	0'-200'	15.6 ppg	1.18 CFS	87 CF	118 CF

Surface design volumes based on 35% excess of gauge hole.

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

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

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

##### c. Production Casing Cement:

- Drill 7-7/8" hole to 7,950'±, run and cement 5 1/2".
- Pump 20 bbl Mud Clean II unweighted spacer, followed by 20 Bbls fresh H2O spacer.
- Displace with 2% KCL.

<u>Type</u>	<u>Sacks</u>	<u>Interval</u>	<u>Density</u>	<u>Yield</u>	<u>Hole</u>	<u>Cement</u>
					<u>Volume</u>	<u>Volume</u>
Lead	60	3,400'-4,200'	11.5 ppg	3.12 CFS	139 CF	187 CF
Tail	540	4,200'-7,950'	13.0 ppg	1.75 CFS	700 CF	945 CF

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

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: September 1, 2006  
Duration: 14 Days

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**SURFACE USE PLAN**  
**CONDITIONS OF APPROVAL**

*Attachment for Permit to Drill*

<b>Name of Operator:</b>	Dominion Exploration & Production
<b>Address:</b>	14000 Quail Springs Parkway, Suite 600 Oklahoma City, OK 73134
<b>Well Location:</b>	LCU 1-2H 874' FNL & 445' 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.

A state onsite inspection, is pending at this time.

1. **Existing Roads:**

- a. The proposed well site is located approximately 13.58 miles south of Ouray, UT.
- b. Directions to the proposed well site have been attached at the end of Exhibit B.
- c. The use of roads under State and County Road Department maintenance are necessary to access the Little Canyon Unit. However, an encroachment permit is not anticipated since no upgrades to the State or County Road system are proposed at this time.
- d. All existing roads will be maintained and kept in good repair during all phases of operation.
- e. Vehicle operators will obey posted speed restrictions and observe safe speeds commensurate with road and weather conditions.
- f. Since no improvements are anticipated to the State, County, Tribal or BLM access roads no topsoil striping will occur.
- g. An off-lease federal, tribal or fee Right-of-Way is not anticipated for the access road or utility corridor since both are located within the existing state lease boundary.

2. Planned Access Roads:

- a. From the existing LCU 10-2H access road an access is proposed trending north approximately 0.3 miles to the proposed well site. The access consists of entirely new disturbance and crosses no significant drainages. A road design plan is not anticipated at this time.
- b. The proposed access road will consist of a 24' travel surface within a 30' disturbed area.
- c. SITLA approval to construct and utilize the proposed access road is requested with this application.
- d. A maximum grade of 10% will be maintained throughout the project with no cuts and fills required to access the well.
- e. No turnouts are proposed since the access road is only 0.3 miles long and adequate site distance exists in all directions.
- f. No culverts and one low water crossing is anticipated. Adequate drainage structures will be incorporated into the 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. All access roads and surface disturbing activities will conform to the standards outlined in the Bureau of Land Management and Forest Service publication: Surface Operating Standards for Oil and Gas Exploration and Development, (1989).
- k. The operator will be responsible for all maintenance of the access road including drainage structures.

3. Location of Existing Wells:

- a. 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 Calsbad Canyon / Desert Tan to match the standard environmental colors. All facilities will be painted within six months of installation. Facilities required to comply with the Occupational Safety and Health Act (OSHA) may be excluded.
- b. Site security guidelines identified in 43 CFR 3163.7-5 and Onshore Oil and Gas Order No. 3 will be adhered to.
- c. A gas meter run will be constructed and located on lease within 500 feet of the wellhead. Meter runs will be housed and/or fenced. All gas production and measurement shall comply with the provisions of 43 CFR 3162. 7-3, Onshore Oil and Gas Order No. 5, and American Gas Association (AGA) Report No. 3.

- d. A tank battery will be constructed on this location; it will be surrounded by a dike of sufficient capacity to contain the storage capacity of the largest tank. All loading lines and valves will be placed inside the berm surrounding the tank battery. All liquid hydrocarbons production and measurement shall conform to the provisions of 43 CFR 3162.7-3 and Onshore Oil and Gas Order No. 4 and Onshore Oil and Gas Order No. 5 for natural gas production and measurement.
- e. Any necessary pits will be properly fenced to prevent any wildlife and livestock entry.
- f. All access roads will be maintained as necessary to prevent erosion and accommodate year-round traffic. The road will be maintained in a safe useable condition.
- g. The site will require periodic maintenance to ensure that drainages are kept open and free of debris, ice, and snow, and that surfaces are properly treated to reduce erosion, fugitive dust, and impacts to adjacent areas.
- h. A gas pipeline is associated with this application and is being applied for at this time. The proposed gas pipeline corridor will leave the southeast side of the well site and traverse 1,557' south to the existing 10" or less LCU pipeline corridor.
- i. The new gas pipeline will be an 8" or less steel surface line within a 20' wide utility corridor. The use of the proposed well site and access roads will facilitate the staging of the pipeline construction. A new pipeline length of approximately 1,557' is associated with this well.
- j. Dominion intends on installing the pipeline on the surface by welding many joints into long lengths, dragging the long lengths into position and then completing a final welding pass to join the long lengths together. Dominion intends on connecting the pipeline together utilizing conventional welding technology.

5. Location and Type of Water Supply:

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

6. Source of Construction Material:

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

7. Methods of Handling Waste Disposal:

- a. All wastes associated with this application will be contained and disposed of utilizing approved facilities.
- b. Drill cuttings will be contained and buried on site.
- c. The reserve pit will be located outboard of the location and along the southwest side of the pad.

- d. The reserve pit will be constructed so as not to leak, break, or allow any discharge.
  - e. The reserve pit will be lined with 16 mil minimum thickness plastic nylon reinforced liner material. The liner will overlay a felt liner pad. The pit liner will overlap the pit walls and be covered with dirt and/or rocks to hold it in place. No trash, scrap pipe, etc., that could puncture the liner will be disposed of in the pit. Pit walls will be sloped no greater than 2:1. A minimum 2-foot freeboard will be maintained in the pit at all times during the drilling and completion operation.
  - f. The reserve pit has been located in cut material. Three sides of the reserve pit will be fenced before drilling starts. The fourth side will be fenced as soon as drilling is completed, and shall remain until the pit is dry. After the reserve pit has dried, all areas not needed for production will be rehabilitated.
  - g. No chemicals subject to reporting under SARA Title III (hazardous materials) in an amount greater than 10,000 pounds will be used, produced, stored, transported, or disposed of annually in association with the drilling, testing, or completion of the well. Furthermore, no extremely hazardous substances, as defined in 40 CFR 355, in threshold planning quantities, will be used, produced, stored, transported, or disposed of in association with the drilling, testing, or completion of the well.
  - h. Trash will be contained in a trash cage and hauled away to an approved disposal site as necessary but no later than at the completion of drilling operations. The contents of the trash container will be hauled off periodically to the approved Uintah County Landfill near Vernal, Utah.
  - i. Produced fluids from the well other than water will be produced into a test tank until such time as construction of production facilities is completed. Any spills of oil, gas, salt water or other produced fluids will be cleaned up and removed.
  - j. After initial clean-up, a 400 bbl tank will be installed to contain produced waste water. This water will be transported from the tank to an approved Dominion disposal well for disposal.
  - k. Produced water from the production well will be disposed of at the RBU 13-11F or RBU 16-19F disposal wells in accordance with Onshore Order #7.
  - l. Any salts and/or chemicals, which are an integral part of the drilling system, will be disposed of in the same manner as the drilling fluid.
  - m. Sanitary facilities will be on site at all times during operations. Sewage will be placed in a portable chemical toilet and the toilet replaced periodically utilizing a licensed contractor to transport by truck the portable chemical toilet so that its contents can be delivered to the Vernal Wastewater Treatment Facility in accordance with state and county regulations.
8. Ancillary Facilities:
- a. Garbage Containers and Portable Toilets are the only ancillary facilities proposed in this application.
9. Well Site Layout: (See Exhibit B)
- a. The well will be properly identified in accordance with 43 CFR 3162.6.

- b. Access to the well pad will be from the south.
- c. The pad and road designs are consistent with SITLA specification
- d. A pre-construction meeting with responsible company representative, contractors and the SITLA 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 SITLA or the appropriate County Extension Office.
- c. Upon well completion, any hydrocarbons in the pit shall be removed in accordance with 43 CFR 3162.7-1. Once the reserve pit is dry, the plastic nylon reinforced liner shall be torn and perforated before backfilling of the reserve pit. The reserve pit and that portion of the location not needed for production facilities/operations will be recontoured to the approximate natural contours.
- d. The cut and fill slopes and all other disturbed areas not needed for the production operation will be top soiled and re-vegetated. The stockpiled topsoil will be evenly distributed over the disturbed area.
- e. Prior to reseeding the site, all disturbed areas, including the access road, will be scarified and left with a rough surface. The site will then be seeded and/or planted as prescribed by the SITLA.

11. Surface and Mineral Ownership:

- a. Surface Ownership – State of Utah – under the management of the SITLA -State Office, 675 East 500 South, Suite 500, Salt Lake, City, Utah 84102-2818; 801-538-5100.
- b. Mineral Ownership – State of Utah – under the management of the SITLA -State Office, 675 East 500 South, Suite 500, Salt Lake, City, Utah 84102-2818; 801-538-5100.

12. Other Information:

- a. AIA Archaeological has conducted a Class III archeological survey. A copy of the report is pending and will be submitted under separate cover to the appropriate agencies by AIA Archaeological.
- b. Alden Hamblin has conducted a paleontological survey. A copy of the report is pending and will be submitted under separate cover to the appropriate agencies by Alden Hamblin.
- c. Additional information:
  - a. No drainage crossings that require additional State or Federal approval are being crossed.
  - b. No raptor habitat is known to exist within 1 mile of the proposed wellsite.

13. Operator's Representative and Certification

Title	Name	Office Phone
Company Representative (Roosevelt)	Ken Secrest	1-435-722-4521
Company Representative (Oklahoma)	Carla Christian	1-405-749-5263
Agent for Dominion	Don Hamilton	1-435-719-2018

Certification:

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

Signature: Don Hamilton Date: 4-19-06

ORIGINAL

DOMINION EXPLR. & PROD., INC.  
LCU #1-2H  
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 JUNCTION OF THIS ROAD AND AN EXISTING ROAD TO THE SOUTH; TURN LEFT AND PROCEED IN A SOUTHERLY, THEN SOUTHWESTERLY DIRECTION APPROXIMATELY 1.5 MILES TO THE BEGINNING OF THE PROPOSED ACCESS TO THE NORTH; FOLLOW ROAD FLAGS IN A NORTHERLY DIRECTION APPROXIMATELY 0.3 MILES TO THE PROPOSED LOCATION.

TOTAL DISTANCE FROM VERNAL, UTAH TO THE PROPOSED WELL LOCATION IS APPROXIMATELY 48.1 MILES.

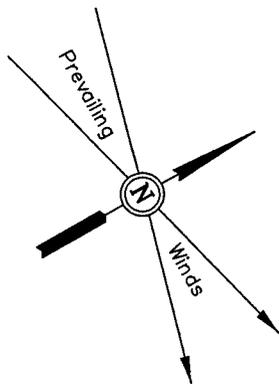
D UNION EXPLR. & PROD., I.

LOCATION LAYOUT FOR

LCU #1-2H

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

874' FNL 445' FEL



SCALE: 1" = 50'  
DATE: 03-15-06  
Drawn By: C.G.

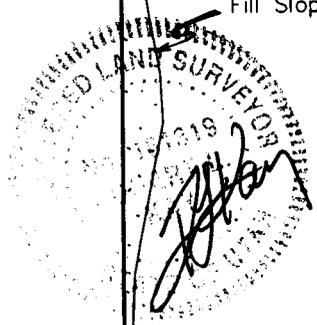
C-6.6'  
El. 89.6'

C-6.0'  
El. 89.0'

F-1.4'  
El. 81.6'

Approx. Top of Cut Slope

Approx. Toe of Fill Slope



Total Pit Capacity  
W/2' of Freeboard  
= 11,460 Bbbls. ±  
Total Pit Volume  
= 3,210 Cu. Yds.

El. 88.4'  
C-15.4'  
(btm. pit)

Reserve Pit Backfill  
& Spoils Stockpile

10' WIDE BENCH

RESERVE PITS  
(10' Deep)

El. 89.5'  
C-16.5'  
(btm. pit)

20' WIDE BENCH

C-4.1'  
El. 87.1'

C-1.4'  
El. 84.4'

F-0.3'  
El. 82.7'

Sta. 0+50

Round Corners  
as Needed

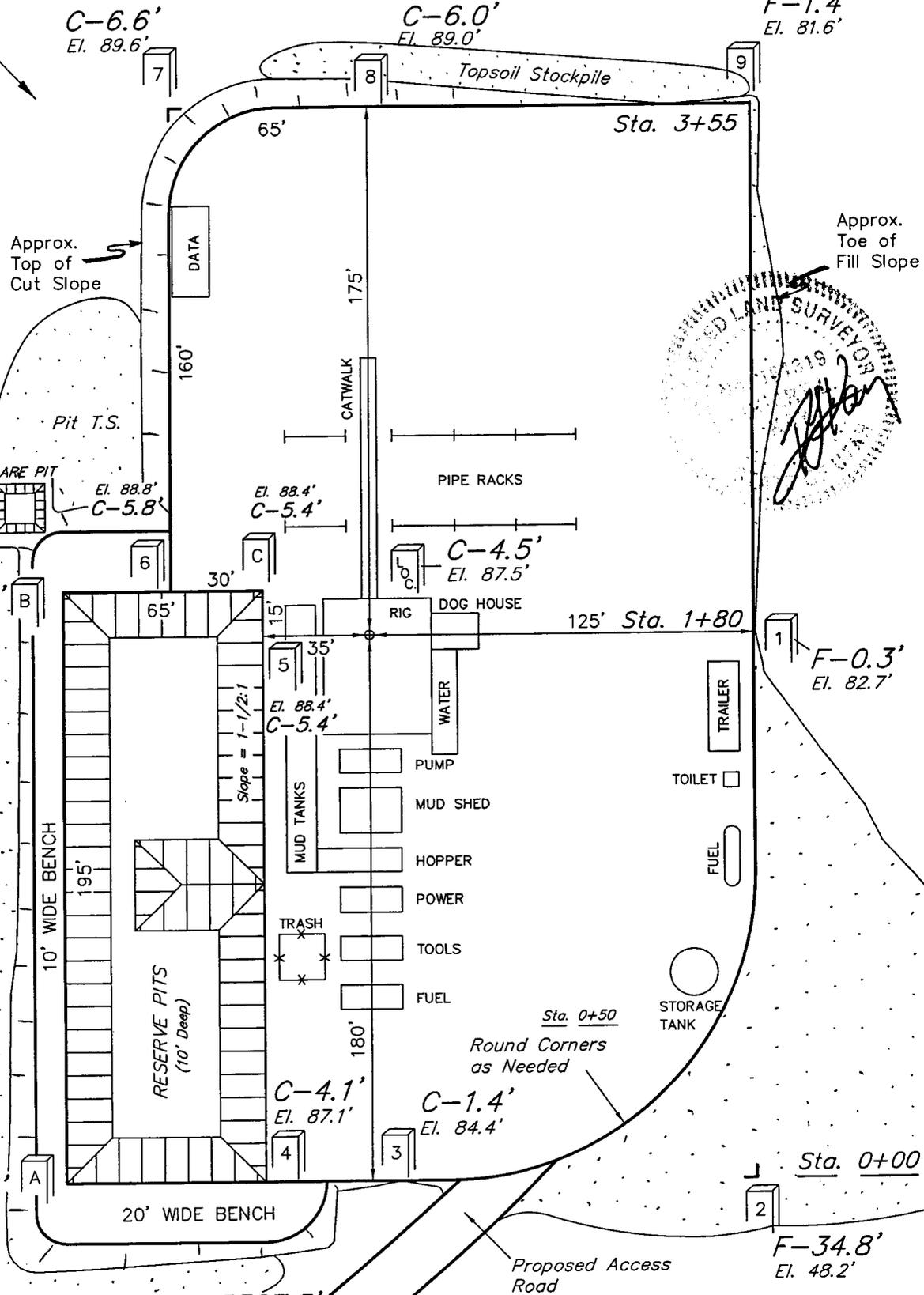
Sta. 0+00

F-34.8'  
El. 48.2'

Proposed Access  
Road

Elev. Ungraded Ground at Location Stake = 5387.5'  
Elev. Graded Ground at Location Stake = 5383.0'

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



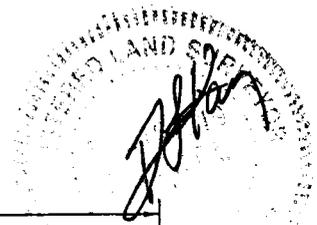
UNION EXPLR. & PROD., I.

TYPICAL CROSS SECTIONS FOR

LCU #1-2H

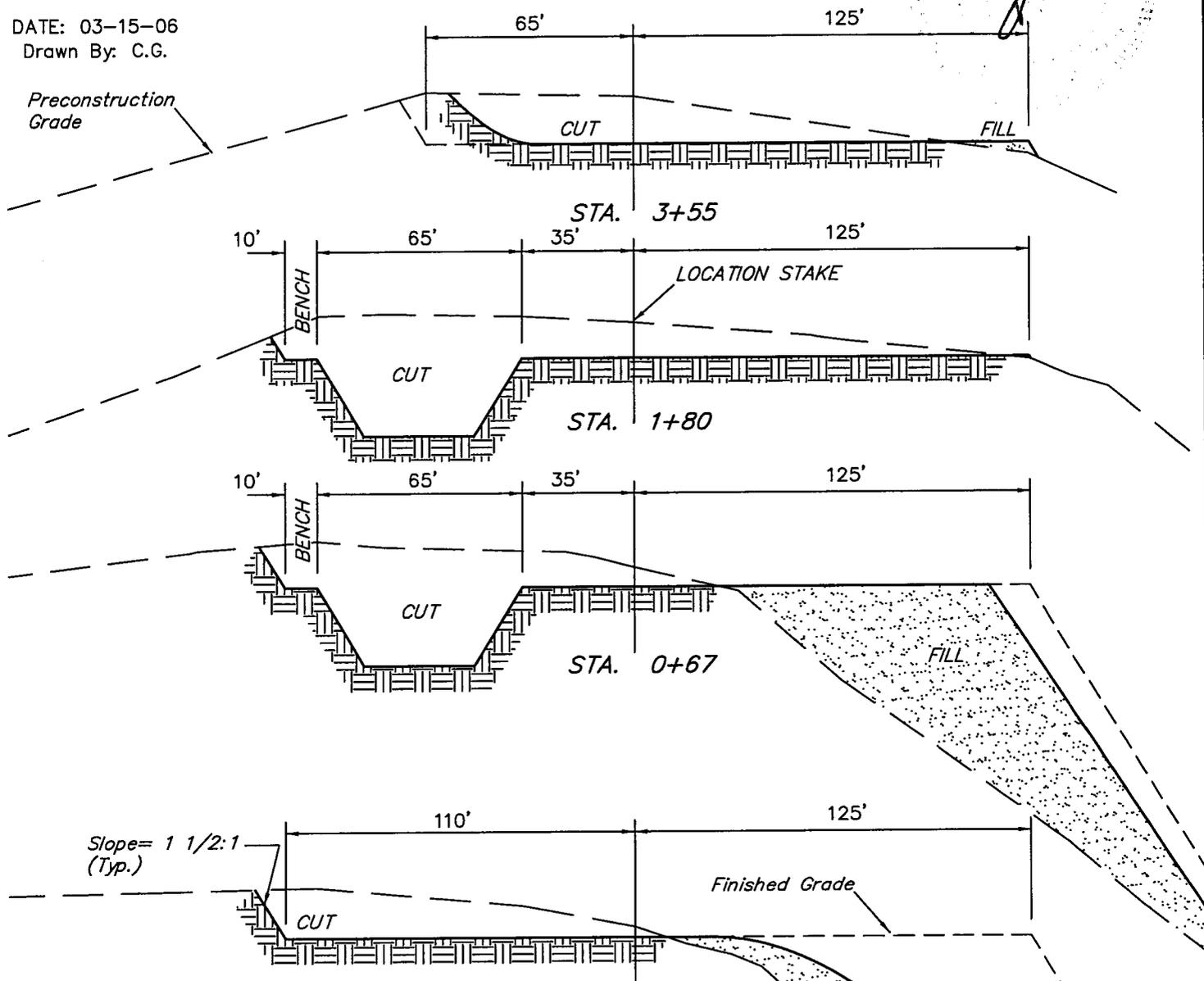
SECTION 2, T11S, R20E, S.L.B.&M.

874' FNL 445' FEL



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

DATE: 03-15-06  
Drawn By: C.G.



APPROXIMATE YARDAGES

CUT	
(6") Topsoil Stripping	= 1,880 Cu. Yds.
Remaining Location	= 11,810 Cu. Yds.
<b>TOTAL CUT</b>	<b>= 13,690 CU.YDS.</b>
<b>FILL</b>	<b>= 10,210 CU.YDS.</b>
EXCESS MATERIAL	= 3,480 Cu. Yds.
Topsoil & Pit Backfill (1/2 Pit Vol.)	= 3,480 Cu. Yds.
EXCESS UNBALANCE (After Interim Rehabilitation)	= 0 Cu. Yds.

STA. 0+00

\* NOTE:  
FILL QUANTITY INCLUDES  
5% FOR COMPACTION

# DOMINION EXPLR. & PROD., INC.

## LCU #1-2H

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

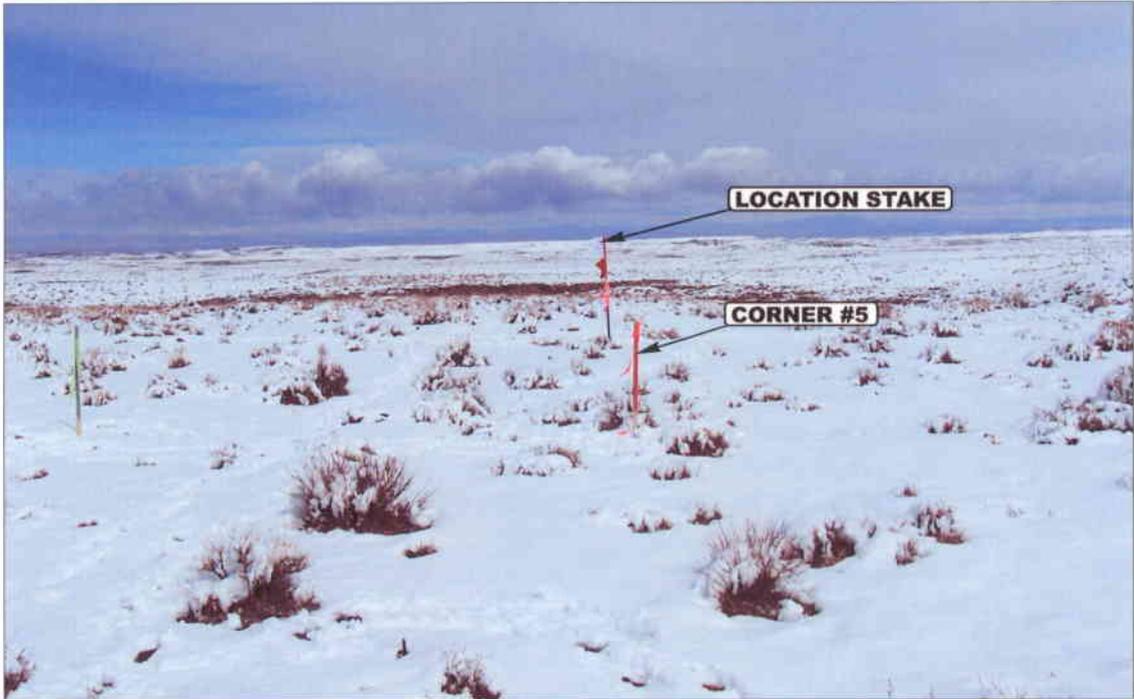


PHOTO: VIEW FROM CORNER #5 TO LOCATION STAKE

CAMERA ANGLE: NORTHEASTERLY



PHOTO: VIEW FROM BEGINNING OF PROPOSED ACCESS

CAMERA ANGLE: NORTHERLY



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

**LOCATION PHOTOS**

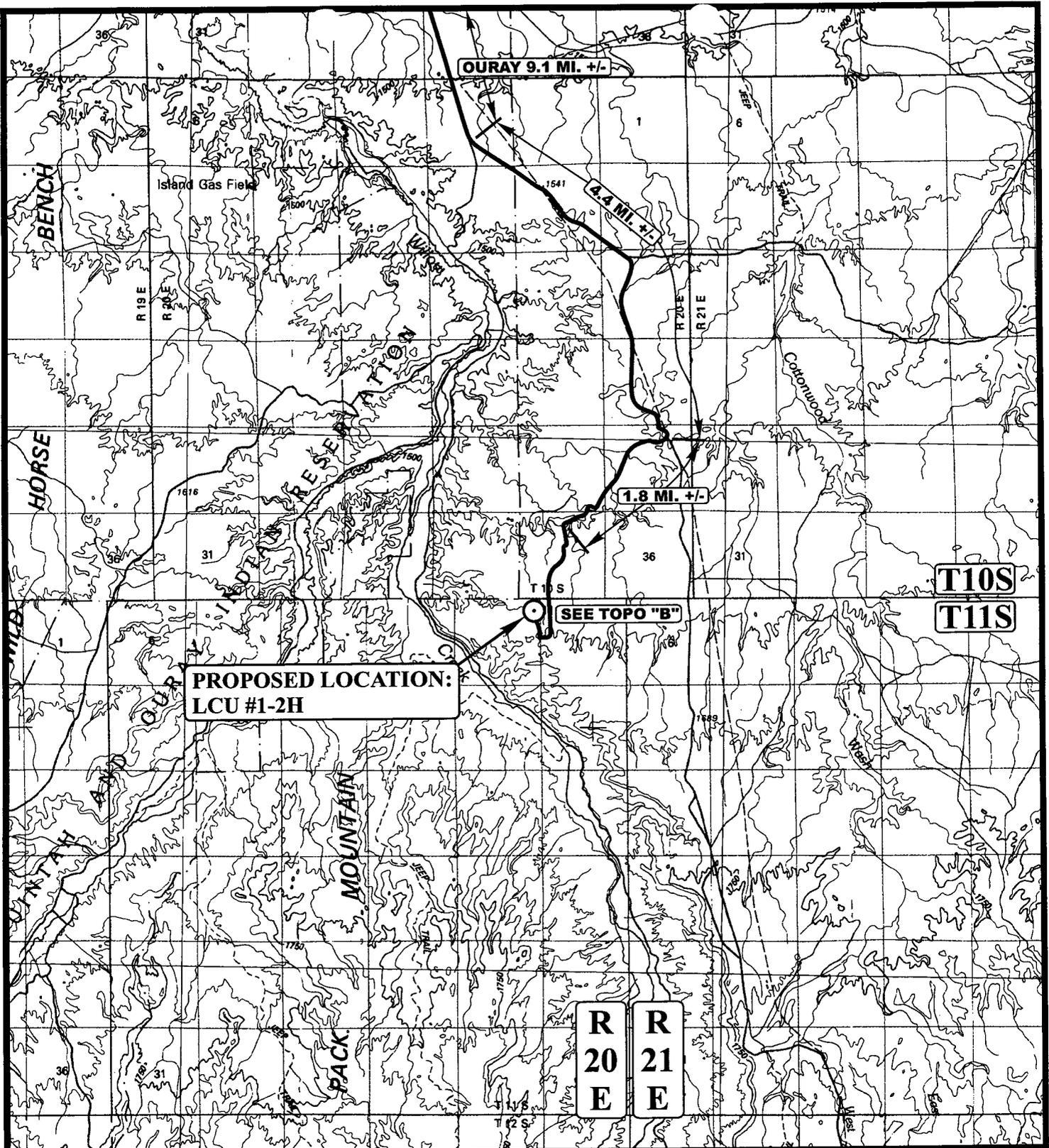
**03 17 06**  
MONTH DAY YEAR

**PHOTO**

TAKEN BY: B.B.

DRAWN BY: C.P.

REVISED: 00-00-00



**PROPOSED LOCATION:  
LCU #1-2H**

SEE TOPO "B"

**T10S  
T11S**

**R 20 E  
R 21 E**

**LEGEND:**

○ PROPOSED LOCATION



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

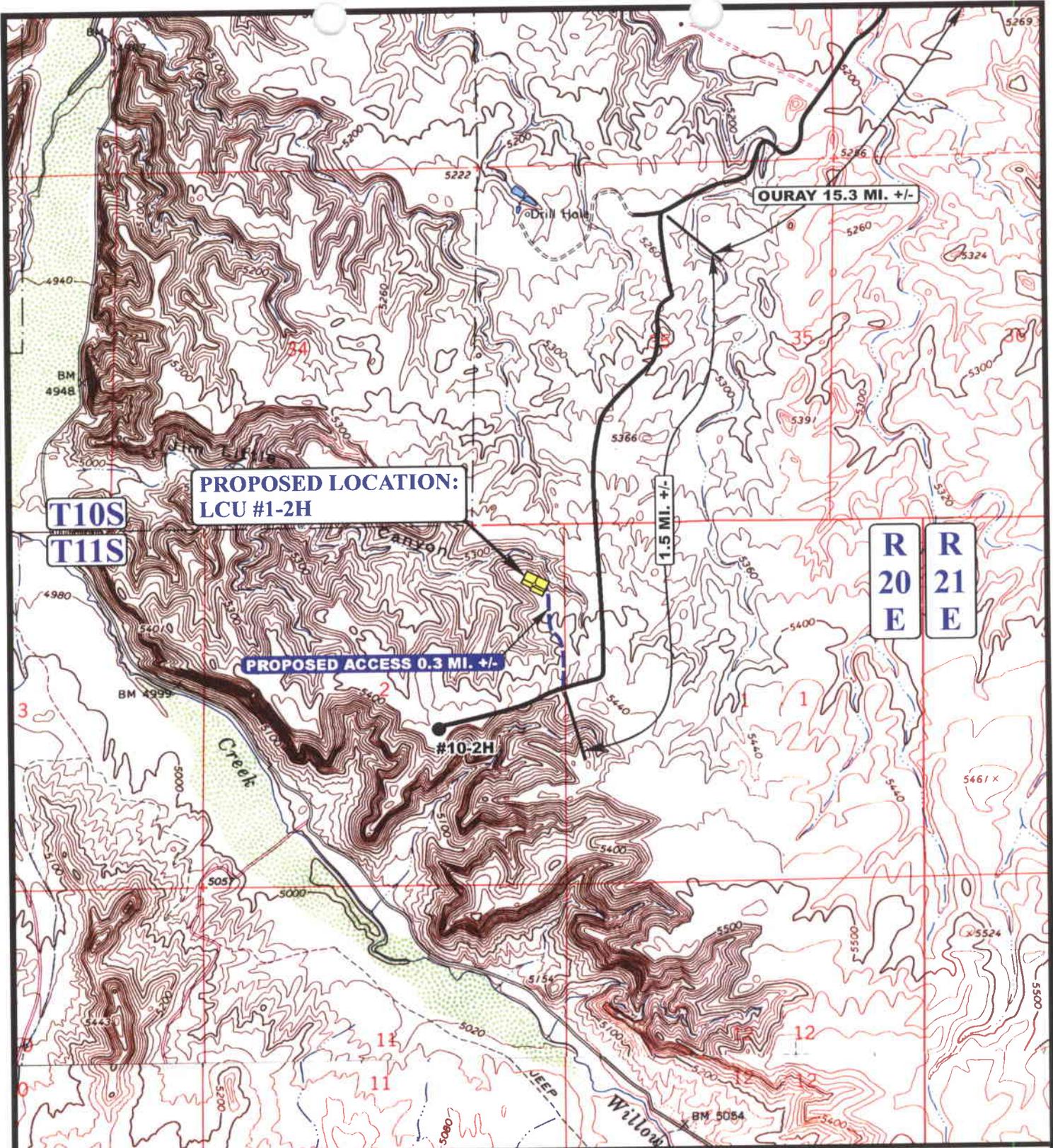
**LCU #1-2H  
SECTION 2, T11S, R20E, S.L.B.&M.  
874' FNL 445' FEL**



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

**TOPOGRAPHIC MAP**  
03 17 06  
MONTH DAY YEAR  
SCALE: 1:100,000 DRAWN BY: C.P. REVISED: 00-00-00





**LEGEND:**

- EXISTING ROAD
- PROPOSED ACCESS ROAD

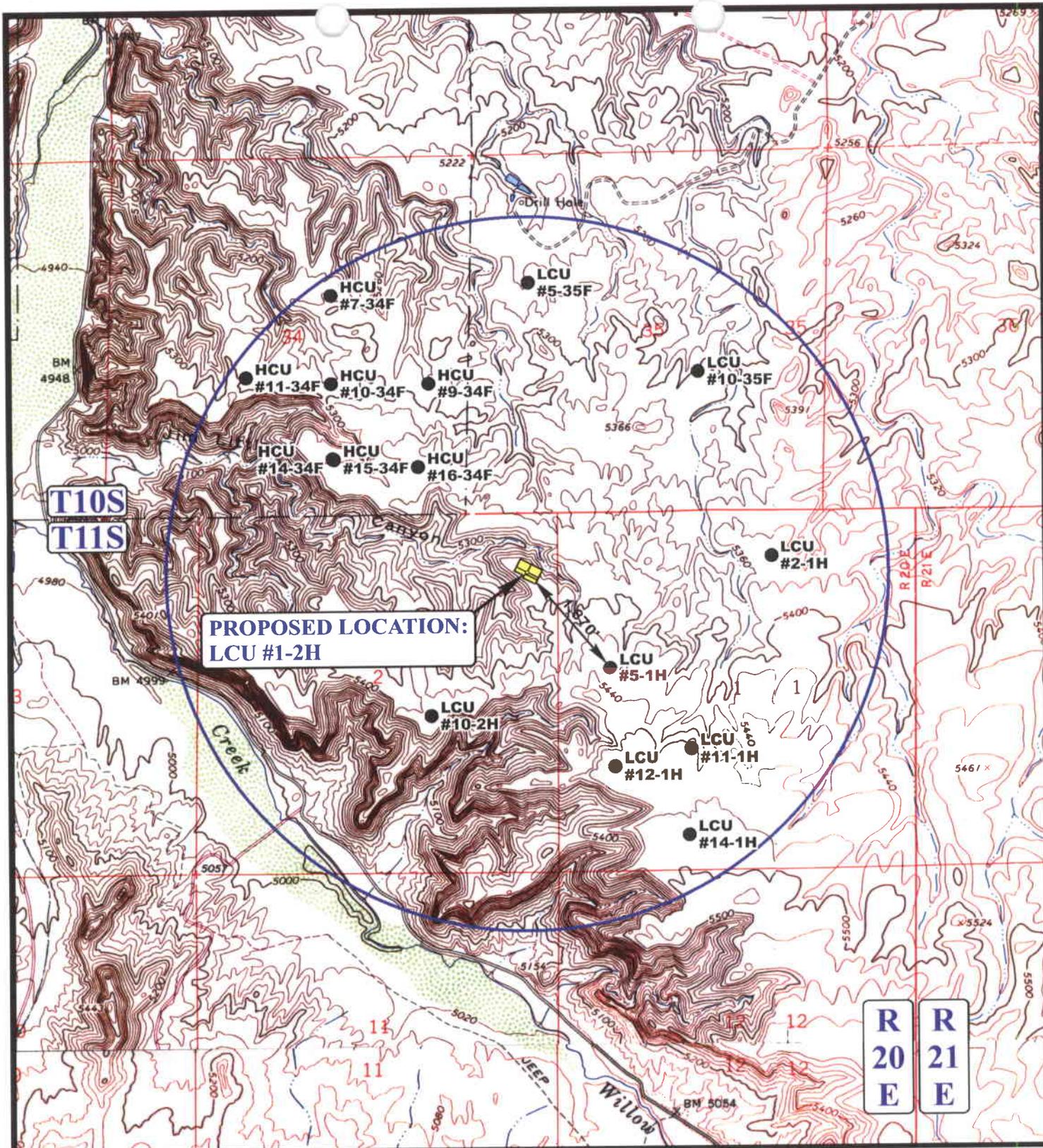


**DOMINION EXPLR. & PROD., INC.**

LCU #1-2H  
 SECTION 2, T11S, R20E, S.L.B.&M.  
 874' FNL 445' FEL

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

**TOPOGRAPHIC** 03 17 06  
**MAP** MONTH DAY YEAR  
 SCALE: 1" = 2000' DRAWN BY: C.P. REVISED: 00-00-00 **B**  
 TOPO



**PROPOSED LOCATION:  
LCU #1-2H**

**R  
20  
E**      **R  
21  
E**

**LEGEND:**

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



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

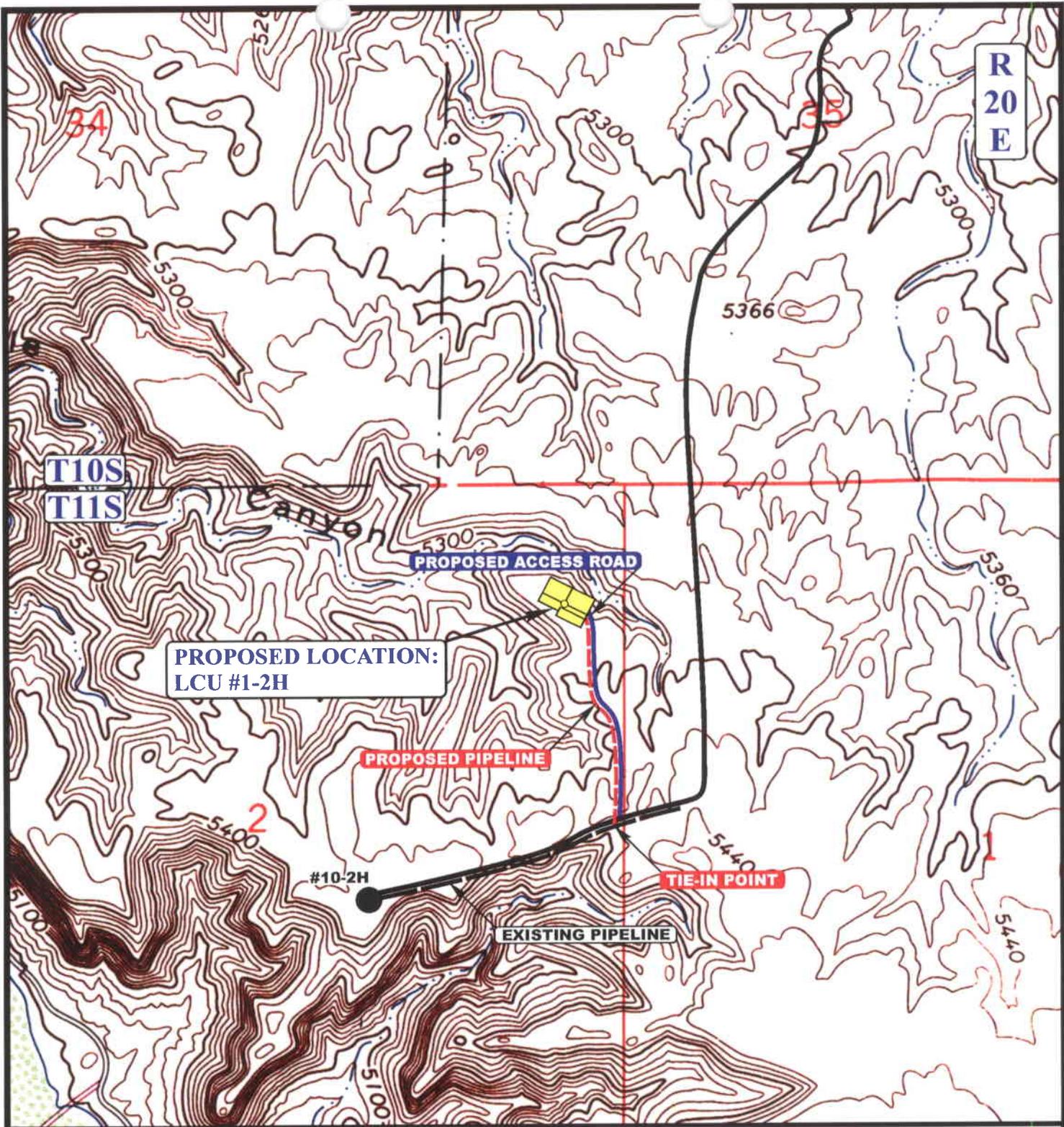
**LCU #1-2H  
SECTION 2, T11S, R20E, S.L.B.&M.  
874' FNL 445' FEL**



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

**TOPOGRAPHIC MAP**      **03 17 06**  
MONTH    DAY    YEAR  
SCALE: 1" = 2000'    DRAWN BY: C.P.    REVISED: 00-00-00





**APPROXIMATE TOTAL PIPELINE DISTANCE = 1,557' +/-**

**LEGEND:**

-  PROPOSED ACCESS ROAD
-  EXISTING PIPELINE
-  PROPOSED PIPELINE

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

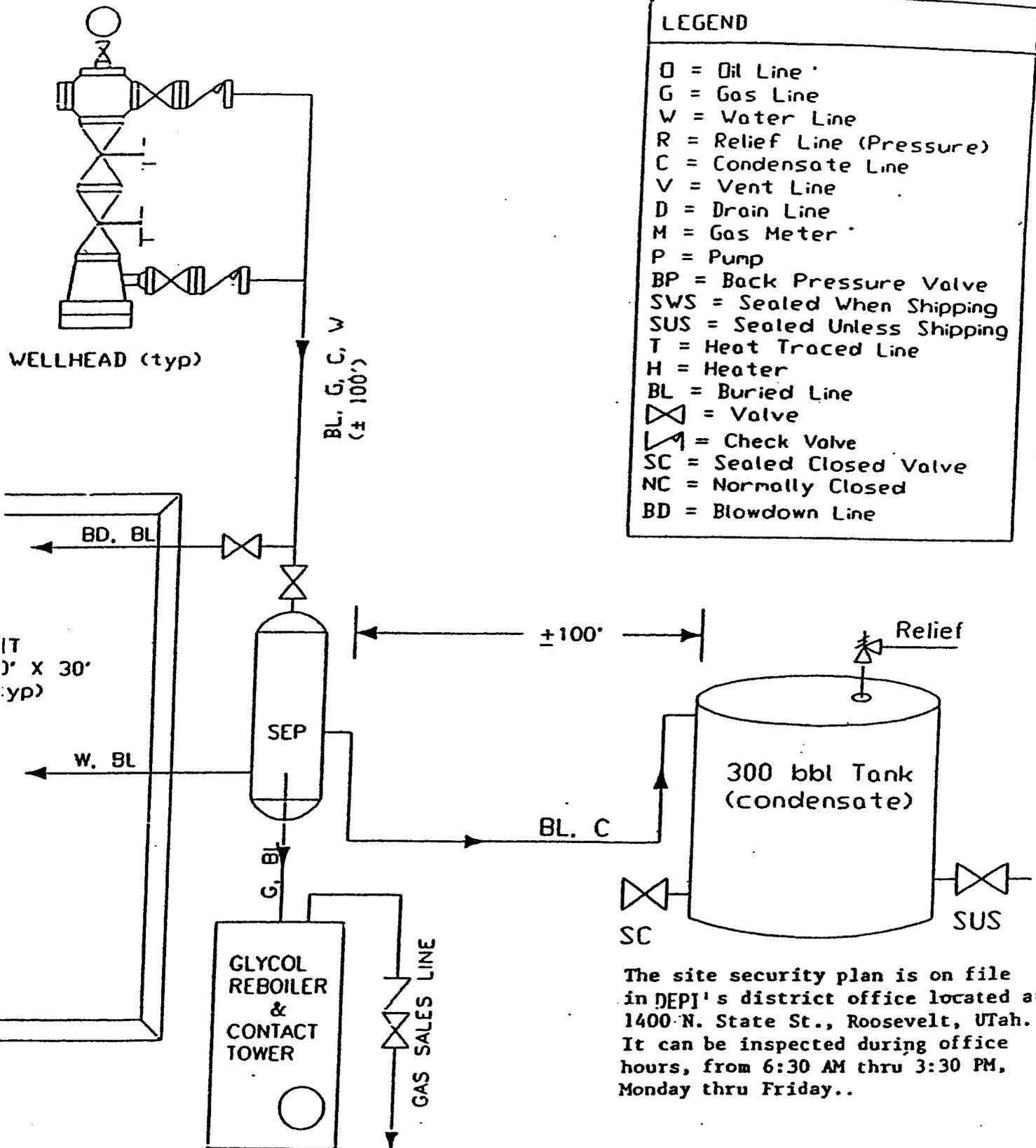
**LCU #1-2H  
SECTION 2, T11S, R20E, S.L.B.&M.  
874' FNL 445' FEL**

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



**TOPOGRAPHIC MAP** 03 17 06  
MONTH DAY YEAR  
SCALE: 1" = 1000' DRAWN BY: C.P. REVISED: 00-00-00

**D**  
TOPO



**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..

# BOP Equipment

3000psi WP

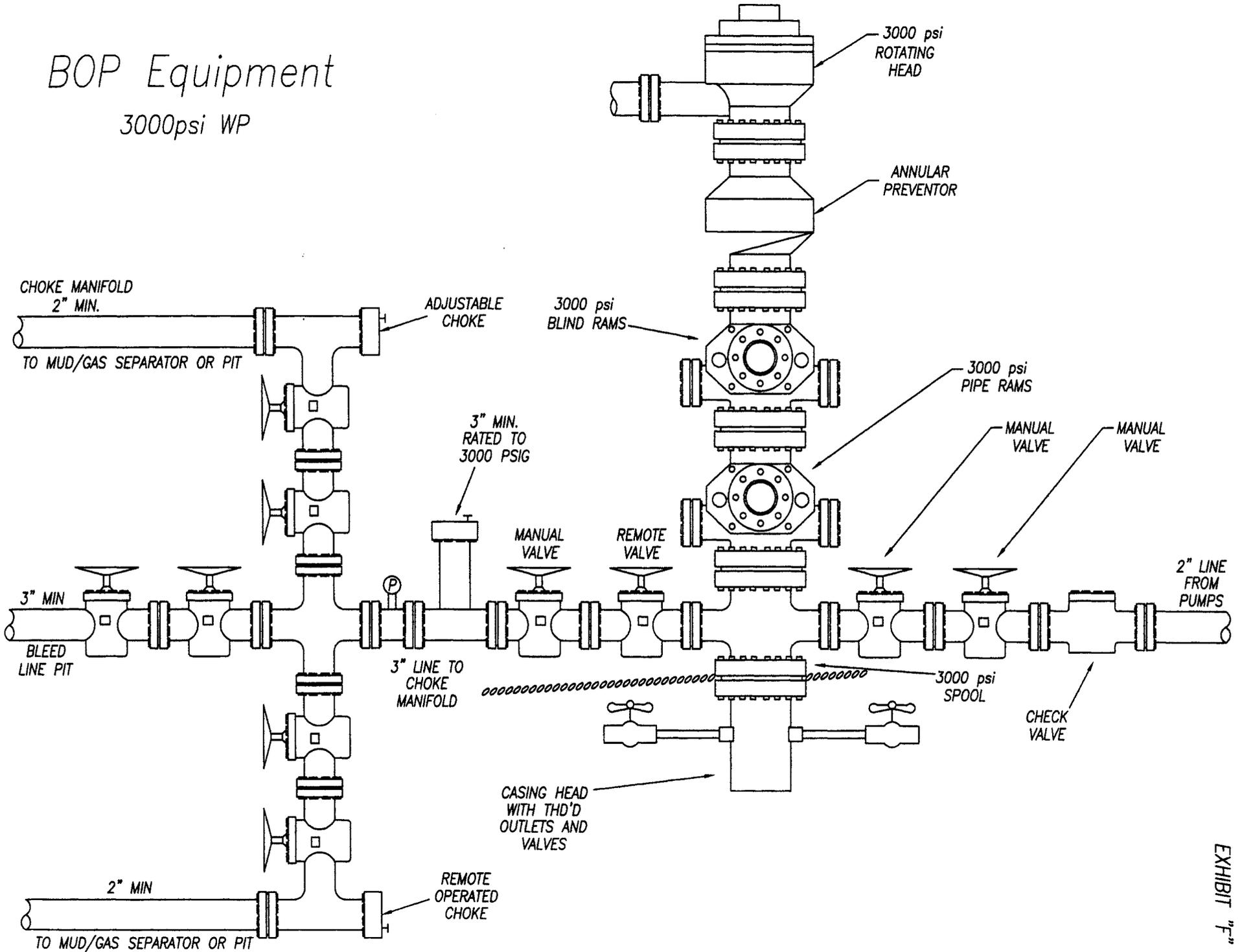


EXHIBIT "F"

**WORKSHEET  
APPLICATION FOR PERMIT TO DRILL**

APD RECEIVED: 04/21/2006

API NO. ASSIGNED: 43-047-38027
--------------------------------

WELL NAME: LCU 1-2H  
 OPERATOR: DOMINION EXPL & PROD ( N1095 )  
 CONTACT: DON HAMILTON

PHONE NUMBER: 405-749-5263

PROPOSED LOCATION:  
 NENE 02 110S 200E  
 SURFACE: 0874 FNL 0445 FEL  
 BOTTOM: 0874 FNL 0445 FEL  
 COUNTY: UINTAH  
 LATITUDE: 39.89424 LONGITUDE: -109.6380  
 UTM SURF EASTINGS: 616442 NORTHINGS: 4416697  
 FIELD NAME: NATURAL BUTTES ( 630 )

INSPECT LOCATN BY: / /		
Tech Review	Initials	Date
Engineering	D&D	5/15/06
Geology		
Surface		

LEASE TYPE: 3 - State  
 LEASE NUMBER: ML-48771  
 SURFACE OWNER: 3 - State

PROPOSED FORMATION: MVRD  
 COALBED METHANE WELL? NO

RECEIVED AND/OR REVIEWED:

Plat  
 Bond: Fed[] Ind[] Sta[] Fee[]  
 (No. 76S63050600 )  
 Potash (Y/N)  
 Oil Shale 190-5 (B) or 190-3 or 190-13  
 Water Permit  
 (No. 43-10447 )  
 RDCC Review (Y/N)  
 (Date: \_\_\_\_\_ )  
 Fee Surf Agreement (Y/N)  
 Intent to Commingle (Y/N)

LOCATION AND SITING:

     R649-2-3.  
 Unit: LITTLE CANYON  
     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 Permit (05-09-06)

STIPULATIONS: 1. Spacing Strip  
2. STATEMENT OF BASIS  
3. Surface Csg Cont Strip

# NATURAL BUTTES FIELD

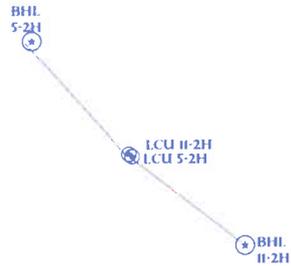


# HILL CREEK UNIT

T11S R20E

# LITTLE CANYON UNIT

LCU 1-2H



# HILL CREEK FIELD

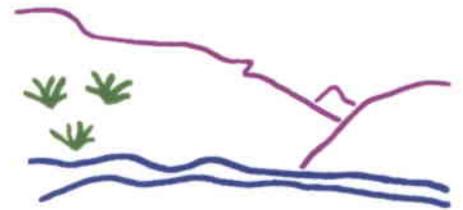
OPERATOR: DOMINION EXPL & PROP (N1095)

SEC: 2 T. 11S R. 20E

FIELD: NATURAL BUTTES (630)

COUNTY: UINTAH

SPACING: R649-3-3 / EXCEPTION LOCATION



Utah Oil Gas and Mining

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

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

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



PREPARED BY: DIANA WHITNEY  
DATE: 28-APRIL-2006

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

OPERATOR: \_\_\_\_\_ DOMINION EXPLORATION & PRODUCTION, INC.  
WELL NAME & NUMBER: \_\_\_\_\_ LCU 1-2H  
API NUMBER: \_\_\_\_\_ 43-047-38027  
LOCATION: 1/4,1/4 NE/NE Sec:   2   TWP: 11S RNG: 20E 445' FEL 874' FNL

**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:** \_\_\_\_\_ 05-10-2006 \_\_\_\_\_

**Surface:**

The predrill investigation of the surface was performed on 5/09/06. This site is on state surface with state minerals. Ben Williams was present representing DWR and Jim Davis was present representing SITLA. Don Hamilton with Buys and Associates and Ken Secrest were present representing Dominion. This site will require a 12 mil reserve pit liner, but Mr. Secrest said that it was Dominion's policy to install a 16 mil liner in all their reserve pits before putting water in them. I also suggested a felt sub-liner be used in addition to the plastic liner. Mr. Davis and Mr. Secrest agreed to this. Mr. Williams stated that this area was critical pronghorn habitat, but did not suggest any stipulations be added to the permit to drill. This site appears to be the best site for a location in the immediate area.

**Reviewer:** \_\_\_\_\_ David W. Hackford \_\_\_\_\_ **Date:** \_\_\_\_\_ 5/10/06 \_\_\_\_\_

**Conditions of Approval/Application for Permit to Drill:**

1. A synthetic liner with a minimum thickness of 12 mils with a felt subliner shall be properly installed and maintained in the reserve pit.

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

**OPERATOR:** DOMINION EXPLORATION & PRODUCTION, INC.  
**WELL NAME & NUMBER:** LCU 1-2H  
**API NUMBER:** 43-047-38027  
**LEASE:** ML-48771 **FIELD/UNIT:** LITTLE CANYON UNIT  
**LOCATION:** 1/4,1/4 NE/NE Sec: 2 TWP:11S RNG: 20E 445' FEL 874' FNL  
**LEGAL WELL SITING:** 460 F SEC. LINE; 460 F 1/4,1/4 LINE; 920 F ANOTHER WELL.  
**GPS COORD (UTM):** 616444 X 4416701 **SURFACE OWNER:** SITLA

**PARTICIPANTS**

DAVID W. HACKFORD (DOGM), BEN WILLIAMS (DWR), DON HAMILTON, KEN SECREST (DOMINION), BRANDON BOWTHORPE (UELS), JIM DAVIS (SITLA), TWO DIRT CONTRACTORS.

**REGIONAL/LOCAL SETTING & TOPOGRAPHY**

SITE IS IN A RELATIVELY FLAT AND LEVEL AREA DRAINING SLIGHTLY TO THE NORTHWEST BETWEEN TWO SHARP, ROCKY DRAWS. THESE DRAWS DRAIN TO THE NORTHWEST TO WILLOW CREEK WHICH IS ONE MILE SOUTHWEST OF THIS SITE. THE SEEP RIDGE ROAD IS 1.75 MILES TO THE EAST, AND OURAY, UTAH IS 13.65 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 0.3 MILES.

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.

WILL DRILLING AT THIS LOCATION GENERATE PUBLIC INTEREST OR CONCERNS? (EXPLAIN): UNLIKELY.

**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, PRICKLEY PEAR, SAGE, WILDFLOWERS, GREASEWOOD  
RABBITBRUSH: PRONGHORN, COYOTES, SONGBIRDS, RAPTORS, RODENTS, RABBITS.

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

EROSION/SEDIMENTATION/STABILITY: VERY LITTLE NATURAL EROSION.  
SEDIMENTATION AND STABILITY SHOULD NOT BE A PROBLEM.

PALEONTOLOGICAL POTENTIAL: NONE OBSERVED.

**RESERVE PIT**

CHARACTERISTICS: 195' BY 65' AND TEN FEET DEEP.

LINER REQUIREMENTS (Site Ranking Form attached): A 12 MIL LINER WILL BE  
REQUIRED FOR RESERVE PIT.

**SURFACE RESTORATION/RECLAMATION PLAN**

AS PER SITLA.

SURFACE AGREEMENT: AS PER SITLA.

CULTURAL RESOURCES/ARCHAEOLOGY: SITE HAS BEEN 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

5/09/06 12:30 PM  
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>

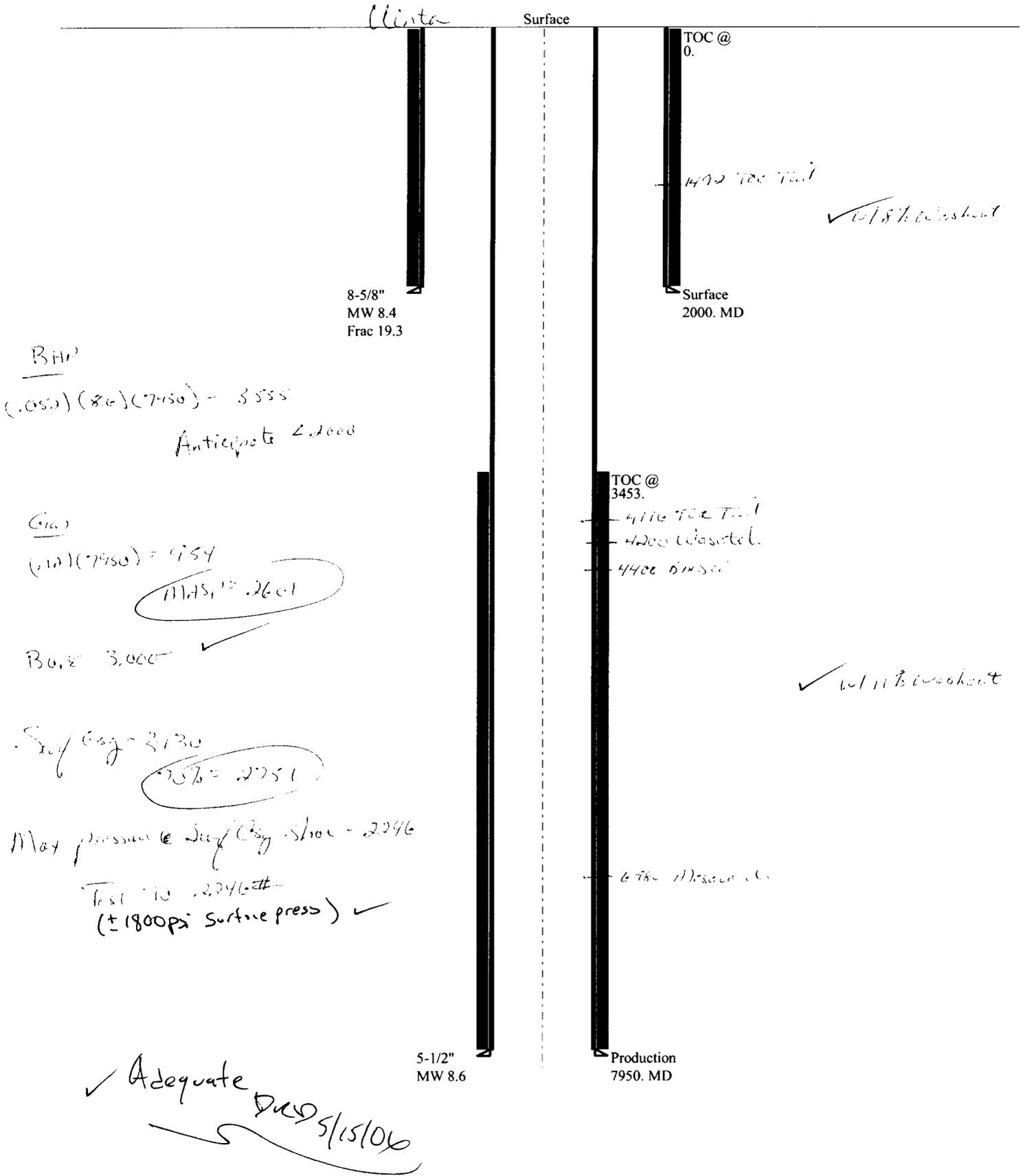
**Final Score**      30      (Level I sensitivity)

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.

# 05-06 Dominion LCU 1-2.1 Casing Schematic



Well name:	<b>05-06 Dominion LCU 1-2H</b>	
Operator:	<b>Dominion Exploration &amp; Production</b>	
String type:	Surface	Project ID: 43-047-38027
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: 75 °F  
Bottom hole temperature: 103 °F  
Temperature gradient: 1.40 °F/100ft  
Minimum section length: 1,500 ft

Cement top: Surface

**Burst**

Max anticipated surface pressure: 1,760 psi  
Internal gradient: 0.120 psi/ft  
Calculated BHP 2,000 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 buoyed weight.  
Neutral point: 1,750 ft

Non-directional string.

**Re subsequent strings:**

Next setting depth: 7,950 ft  
Next mud weight: 8.600 ppg  
Next setting BHP: 3,552 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	2000	3930	1.97	56	372	6.64 J

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

Phone: 801-538-5280  
FAX: 801-359-3940

Date: May 10, 2006  
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.

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

Well name:	<b>05-06 Dominion LCU 1-2H</b>	
Operator:	<b>Dominion Exploration &amp; Production</b>	
String type:	Production	Project ID: 43-047-38027
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: 75 °F  
Bottom hole temperature: 186 °F  
Temperature gradient: 1.40 °F/100ft  
Minimum section length: 1,500 ft

Cement top: 3,453 ft

**Burst**

Max anticipated surface pressure: 798 psi  
Internal gradient: 0.346 psi/ft  
Calculated BHP 3,552 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 buoyed weight.  
Neutral point: 6,913 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	7950	5.5	17.00	Mav-80	LT&C	7950	7950	4.767	274
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	3552	6290	1.771	3552	7740	2.18	118	273	2.32 B

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

Phone: 801-538-5280  
FAX: 801-359-3940

Date: May 10, 2006  
Salt Lake City, Utah

**Remarks:**

Collapse is based on a vertical depth of 7950 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.

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

# United States Department of the Interior

## BUREAU OF LAND MANAGEMENT

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

IN REPLY REFER TO:  
3160  
(UT-922)

April 28, 2006

### Memorandum

To: Assistant District Manager Minerals, Vernal District  
From: Michael Coulthard, Petroleum Engineer  
Subject: 2006 Plan of Development Little Canyon Unit Uintah County,  
Utah.

Pursuant to email between Diana Whitney, Division of Oil, Gas and Mining, and Mickey Coulthard, Utah State Office, Bureau of Land Management, the following wells are planned for calendar year 2006 within the Little Canyon Unit, Uintah County, Utah.

API#	WELL NAME	LOCATION
(Proposed PZ MesaVerde)		
43-047-38026	LCU 11-36F Sec 36 T10S R20E 1944	FSL 2191 FWL
43-047-38027	LCU 1-2H Sec 02 T11S R20E 0874	FNL 0445 FEL

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

/s/ Michael L. Coulthard

bcc: File – Little Canyon Unit  
Division of Oil Gas and Mining  
Central Files  
Agr. Sec. Chron

**From:** Ed Bonner  
**To:** Whitney, Diana  
**Date:** 6/27/2006 10:17:58 AM  
**Subject:** Well Clearance

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

Dominion E&P, Inc  
LCU 1-2H

Enduring Resources, LLC  
Rock House 10-23-23-32  
Rock House 11-23-11-2

EOG Resources, Inc  
Big Spring 3-36 GR  
East Chapita 30-16

The Houston Exploration Company  
North Horseshoe 1-16-6-21  
North Horseshoe 13-16-6-21  
North Horseshoe 13-2-6-21  
North Horseshoe 15-2-6-21

Kerr McGee Oil & Gas Onshore LP  
NBU 921-25A  
NBU 921-25P  
NBU 921-35J  
NBU 922-32K2

Questar Exploration & Production  
HR 2MU-2-12-23  
HR 3MU-2-12-23  
HR 6MU-2-12-23 (Cleared provided operator follows arch consultants recommendation to move location avoiding significant site)  
HR 10MU-2-12-23  
HR 12MU-2-12-23  
HR 14MU-2-12-23  
HR 16MU-2-12-23

Stone Energy Corporation  
Stone Rush 44-32-8-17

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

**CC:** Davis, Jim; Garrison, LaVonne; Hill, Brad; Hunt, Gil



**State of Utah**

**Department of  
Natural Resources**

MICHAEL R. STYLER  
*Executive Director*

**Division of  
Oil, Gas & Mining**

JOHN R. BAZA  
*Division Director*

JON M. HUNTSMAN, JR.  
*Governor*

GARY R. HERBERT  
*Lieutenant Governor*

June 29, 2006

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

Re: Little Canyon Unit 1-2H Well, 874' FNL, 445' FEL, NE NE, 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 43-047-38027.

Sincerely,

*for*

Gil Hunt  
Associate Director

pab  
Enclosures

cc: Uintah County Assessor  
SITLA



5. 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.
6. Compliance with the Conditions of Approval/Application for Permit to Drill outlined in the Statement of Basis. (Copy Attached)
7. Surface casing shall be cemented to the surface.



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

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

**API:** 43-047-38027  
**Well Name:** LCU 1-2H  
**Location:** 874' FNL & 445' FEL, Sec. 2-11S-20E  
**Company Permit Issued to:** Dominion Exploration & Production, Inc.  
**Date Original Permit Issued:** 6/29/2007

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

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

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

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

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

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

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

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

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

  
Signature

5/24/2007  
Date

Title: Regulatory Specialist

Representing: Dominion Exploration & Production, Inc.

RECEIVED  
MAY 29 2007  
DIV. OF OIL, GAS & MINING

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

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

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

Operator Name Change/Merger

The operator of the well(s) listed below has changed, effective: 7/1/2007

<b>FROM: (Old Operator):</b> N1095-Dominion Exploration & Production, Inc 14000 Quail Springs Parkway, Suite 600 Oklahoma City, OK 73134  Phone: 1 (405) 749-1300	<b>TO: ( New Operator):</b> 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

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

**DATA ENTRY:**

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

**BOND VERIFICATION:**

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

**LEASE INTEREST OWNER NOTIFICATION:**

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

**COMMENTS:**

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

FORM 9

**SUNDRY NOTICES AND REPORTS ON WELLS**

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: <b>SEE ATTACHED</b>
2. NAME OF OPERATOR: <b>XTO Energy Inc. N2615</b>		9. API NUMBER: <b>SEE ATTACHED</b>
3. ADDRESS OF OPERATOR: 810 Houston Street CITY: <b>Fort Worth</b> STATE: <b>TX</b> ZIP: <b>76102</b>		10. FIELD AND POOL, OR WILDCAT: <b>Natural Buttes</b>
PHONE NUMBER: <b>(817) 870-2800</b>		
4. LOCATION OF WELL		
FOOTAGES AT SURFACE: <b>SEE ATTACHED</b>		COUNTY: <b>Uintah</b>
QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN:		STATE: <b>UTAH</b>

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** 9127107  
*Earlene Russell*  
Division of Oil, Gas and Mining  
Earlene Russell, Engineering Technician

(See Instructions on Reverse Side)

**RECEIVED**  
**AUG 06 2007**  
**DIV. OF OIL, GAS & MINING**

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

**Request to Transfer Application or Permit to Drill**

(This form should accompany a Sundry Notice, Form 9, requesting APD transfer)

Well name:	SEE ATTACHED LIST
API number:	
Location:	Qtr-Qtr:                      Section:                      Township:                      Range
Company that filed original application:	DOMINION E&P
Date original permit was issued:	
Company that permit was issued to:	DOMINION E&P

Check one	Desired Action:
<input type="checkbox"/>	Transfer pending (unapproved) Application for Permit to Drill to new operator
<input type="checkbox"/>	The undersigned as owner with legal rights to drill on the property, hereby verifies that the information as submitted in the pending Application for Permit to Drill, remains valid and does not require revision. The new owner of the application accepts and agrees to the information and procedures as stated in the application.
<input checked="" type="checkbox"/>	Transfer approved Application for Permit to Drill to new operator
<input type="checkbox"/>	The undersigned as owner with legal rights to drill on the property as permitted, hereby verifies that the information as submitted in the previously approved application to drill, remains valid and does not require revision.

Following is a checklist of some items related to the application, which should be verified.	Yes	No
If located on private land, has the ownership changed?	<input type="checkbox"/>	<input checked="" type="checkbox"/>
If so, has the surface agreement been updated?	<input type="checkbox"/>	<input type="checkbox"/>
Have any wells been drilled in the vicinity of the proposed well which would affect the spacing or siting requirements for this location?	<input type="checkbox"/>	<input checked="" type="checkbox"/>
Have there been any unit or other agreements put in place that could affect the permitting or operation of this proposed well?	<input type="checkbox"/>	<input checked="" type="checkbox"/>
Have there been any changes to the access route including ownership or right-of-way, which could affect the proposed location?	<input type="checkbox"/>	<input checked="" type="checkbox"/>
Has the approved source of water for drilling changed?	<input type="checkbox"/>	<input checked="" type="checkbox"/>
Have there been any physical changes to the surface location or access route which will require a change in plans from what was discussed at the onsite evaluation?	<input type="checkbox"/>	<input checked="" type="checkbox"/>
Is bonding still in place, which covers this proposed well? Bond No. <u>104312762</u>	<input checked="" type="checkbox"/>	<input type="checkbox"/>

Any desired or necessary changes to either a pending or approved Application for Permit to Drill that is being transferred, should be filed on a Sundry Notice, Form 9, or amended Application for Permit to Drill, Form 3, as appropriate, with necessary supporting information as required.

Name (please print) HOLLY C. PERKINS Title REGULATORY COMPLIANCE TECH  
 Signature *Holly C. Perkins* Date 08/27/2007  
 Representing (company name) XTO ENERGY INC.

The person signing this form must have legal authority to represent the company or individual(s) to be listed as the new operator on the Application for Permit to Drill.

**AUG 30 2007**

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

api	well_name	qtr	qtr	sec	twp	rng	lease_num	entity	Lease	well	stat
4304736892	LCU 5-9H	SWNW	09	110S	200E	UTU-34350			Federal	GW	APD
4304736893	LCU 5-17H	SWNW	17	110S	200E	UTU-76265			Federal	GW	APD
4304736896	LCU 11-9H	NESW	09	110S	200E	UTU-76265			Federal	GW	APD
4304737059	LCU 2-17H	NWNE	17	110S	200E	UTU-76265			Federal	GW	APD
4304737285	LCU 11-17H	NESW	17	110S	200E	UTU-76265			Federal	OW	APD
4304737286	LCU 7-17H	SWNE	17	110S	200E	UTU-76265			Federal	OW	APD
4304737448	LCU 9-8H	NESE	08	110S	200E	UTU-76265			Federal	OW	APD
4304737653	LCU 14-9H	SESW	09	110S	200E	UTU-76265			Federal	GW	APD
4304737997	LCU 9-10H	NESE	10	110S	200E	UTU-44089			Federal	GW	APD
4304738069	LCU 8-35F	SENE	35	100S	200E	U-01470D			Federal	GW	APD
4304738070	LCU 12-35F	NWSW	35	100S	200E	U-01470D			Federal	GW	APD
4304738071	LCU 15-35F	SWSE	35	100S	200E	U-01470D			Federal	GW	APD
4304738072	LCU 16-35F	SESE	35	100S	200E	U-01470D			Federal	GW	APD
4304738073	LCU 1-1H	NENE	01	110S	200E	UTU-76264			Federal	GW	APD
4304738074	LCU 9-9H	NWSE	09	110S	200E	UTU-76265			Federal	GW	APD
4304738093	LCU 9-1H	NESE	01	110S	200E	UTU-73436			Federal	GW	APD
4304738094	LCU 6-1H	SENE	01	110S	200E	UTU-76264			Federal	GW	APD
4304738095	LCU 4-1H	NWNW	01	110S	200E	UTU-76264			Federal	GW	APD
4304738096	LCU 3-1H	NENW	01	110S	200E	UTU-76264			Federal	GW	APD
4304738097	LCU 15-1H	SWSE	01	110S	200E	UTU-73436			Federal	GW	APD
4304738098	LCU 10-1H	NWSE	01	110S	200E	UTU-73436			Federal	GW	APD
4304738183	LCU 6-35F	SENE	35	100S	200E	U-01470C			Federal	GW	APD
4304738184	LCU 8-9H	NWSE	09	110S	200E	UTU-34350			Federal	GW	APD
4304738185	LCU 8-1H	SENE	01	110S	200E	UTU-76264			Federal	GW	APD
4304738296	LCU 3-17H	NENW	17	110S	200E	UTU-76265			Federal	GW	APD
4304738297	LCU 12-17H	NWSW	17	110S	200E	UTU-76265			Federal	GW	APD
4304738298	LCU 13-17H	SWSW	17	110S	200E	UTU-76265			Federal	GW	APD
4304738379	LCU 2-3H	NWNE	03	110S	200E	UTU-44090-A			Federal	GW	NEW
4304738419	LCU 16-10H	SESE	10	110S	200E	UTU-44089			Federal	GW	APD
4304738420	LCU 5-11H	SWNW	11	110S	200E	UTU-73436			Federal	GW	APD
4304738421	LCU 10-11H	NWSE	11	110S	200E	UTU-73436			Federal	GW	APD
4304738422	LCU 13-11H	SWSW	11	110S	200E	UTU-73436			Federal	GW	APD
4304738423	LCU 15-11H	SWSE	11	110S	200E	UTU-73436			Federal	GW	APD
4304738424	LCU 16-11H	SESE	11	110S	200E	UTU-73436			Federal	GW	APD
4304738503	LCU 4-12H	NENW	12	110S	200E	UTU-73436			Federal	GW	APD
4304738504	LCU 5-12H	NENW	12	110S	200E	UTU-73436			Federal	GW	APD
4304738505	LCU 6-12H	NENW	12	110S	200E	UTU-73436			Federal	GW	APD
4304738676	LCU 12-9H	NWSW	09	110S	200E	UTU-76265			Federal	GW	APD
4304738677	LCU 6-9H	SENE	09	110S	200E	UTU-34350			Federal	GW	APD
4304738678	LCU 4-11H	NWNW	11	110S	200E	UTU-73436			Federal	GW	APD
4304738679	LCU 9-12H	NESE	12	110S	200E	UTU-73436			Federal	GW	APD
4304738682	LCU 14-6G	SESW	06	110S	210E	UTU-81728			Federal	GW	APD
4304738683	LCU 13-6G	SWSW	06	110S	210E	UTU-81728			Federal	GW	APD
4304738684	LCU 10-6G	NWSE	06	110S	210E	UTU-81728			Federal	GW	APD
4304738685	LCU 5-6G	SWNW	06	110S	210E	UTU-75700			Federal	GW	APD
4304738686	LCU 4-6G	NWNW	06	110S	210E	UTU-75700			Federal	GW	APD
4304738687	LCU 7-6G	SWNE	06	110S	210E	UTU-075700			Federal	GW	APD
4304738688	LCU 3-6G	NENW	06	110S	210E	UTU-075700			Federal	GW	APD

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

api	well_name	qtr_qtr	sec	twp	rng	lease_num	entity	Lease	well	stat
4304738784	LCU 11-35F	NESW	35	100S	200E	UTU-82703		Federal	GW	APD
4304738788	LCU 6-10H	SENW	10	110S	200E	UTU-44089		Federal	GW	APD
4304738789	LCU 13-10H	SWSW	10	110S	200E	UTU-44089		Federal	GW	APD
4304738790	LCU 11-11H	SESW	11	110S	200E	UTU-73436		Federal	GW	APD
4304738791	LCU 3-12H	NENW	12	110S	200E	UTU-73436		Federal	GW	APD
4304738892	LCU 7-10H	SWNE	10	110S	200E	UTU-44089		Federal	GW	APD
4304738893	LCU 1-12H	NENE	12	110S	200E	UTU-73436		Federal	GW	APD
4304738946	LCU 13-1H	NWSW	01	110S	200E	UTU-73436		Federal	GW	APD
4304738947	LCU 16-12H	SESE	12	110S	200E	UTU-73436		Federal	GW	APD
4304739050	LCU 15-4H	SWSE	04	110S	200E	UTU-81430		Federal	GW	APD
4304739158	LCU 15-3H	SWSE	03	110S	200E	UTU-34350		Federal	GW	APD
4304739159	LCU 5-3H	NENE	04	110S	200E	UTU-44090-A		Federal	GW	APD
4304739160	LCU 4-3H	NENE	04	110S	200E	UTU-44090-A		Federal	GW	APD
4304739161	LCU 8-8H	SENE	08	110S	200E	UTU-81430		Federal	GW	APD
4304739220	LCU 9-35F	NESE	35	100S	200E	UTU-82703		Federal	GW	APD
4304739221	LCU 7-35F	SWNE	35	100S	200E	UTU-82703		Federal	GW	APD
4304739224	LCU 14-10H	SESW	10	110S	200E	UTU-44089		Federal	GW	APD
4304739225	LCU 3-10H	NENW	10	110S	200E	UTU-44089		Federal	GW	APD
4304736773	LCU 6-16H	SENW	16	110S	200E	ML-48772		State	GW	APD
4304736808	LCU 13-12H	SWSW	12	110S	200E	FEE		Fee	GW	APD
4304736809	LCU 12-16H	NWSW	16	110S	200E	ML-48772		State	GW	APD
4304738027	LCU 1-2H	NENE	02	110S	200E	ML-48771		State	GW	APD
4304738255	LCU 6-2H	SENW	02	110S	200E	ML-48771		State	GW	APD
4304738272	LCU 3-2H	SENW	02	110S	200E	ML-48771		State	GW	APD
4304738343	LCU 14-2H	SESW	02	110S	200E	ML-48771		State	GW	APD
4304738675	LCU 16-2H	NWSW	01	110S	200E	ML-48771		State	GW	APD
4304738680	LCU 10-16H	NWSE	16	110S	200E	ML-48772		State	GW	APD
4304738681	LCU 14-16H	SESW	16	110S	200E	ML-48772		State	GW	APD
4304738785	LCU 5-36F	SWNW	36	100S	200E	ML-47391		State	GW	APD
4304739173	LCU 13-16H	SWSW	16	110S	200E	ML-48772		State	GW	APD
4304739174	LCU 11-16H	NESW	16	110S	200E	ML-48772		State	GW	APD
4304739223	LCU 4-16H	NWNW	16	110S	200E	ML-48772		State	GW	APD



# 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

RECEIVED  
AUG 16 2007  
DIV. OF OIL, GAS & MINING

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

FORM 9

5. LEASE DESIGNATION AND SERIAL NUMBER:  
~~UTU 73436~~ ML 48771

**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.

6. IF INDIAN, ALLOTTEE OR TRIBE NAME:

7. UNIT or CA AGREEMENT NAME:  
LITTLE CANYON UNIT

1. TYPE OF WELL  
OIL WELL  GAS WELL  OTHER \_\_\_\_\_

8. WELL NAME and NUMBER:  
LCU 1-2H

2. NAME OF OPERATOR:  
XTO ENERGY INC.

9. API NUMBER:  
4304730027

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

PHONE NUMBER:  
(505) 333-3100

10. FIELD AND POOL, OR WILDCAT:  
NATURAL BUTTES

4. LOCATION OF WELL  
FOOTAGES AT SURFACE: 874' FNL & 445' FEL

COUNTY: UINTAH

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

STATE: UTAH

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

TYPE OF SUBMISSION	TYPE OF ACTION		
<input checked="" type="checkbox"/> NOTICE OF INTENT (Submit in Duplicate) Approximate date work will start: <u>11/2/2007</u>	<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.

XTO Energy Inc. proposes a change to the casing sizes on this well as follows:

CASING PROGRAM: Surface Casing: 9.625" casing set at 2200' in a 12.25" hole filled with 8.4 ppg mud

Interval: 0-2200'	Length: 2200'	Wt: 36#	GR: J-55	Cplg: ST&C
Coll Rating (psi): 2020	Burst Rating (psi): 3.66	Jt Str (M-lbs): 394	ID (in): 8.921	Drift: 8.765
SF Coll: 2.10	SF Burst: 3.66	SF Ten: 4.97		

CEMENT PROGRAM: Surface: 9.625", 36#, J-55, ST&C casing to be set at 2200' in 12.25" hole.

LEAD: ±362 sx of Type V cement (or equivalent) typically containing accelerator and LCM.

TAIL: 225 sx of Type V cement (or equivalent) typically containing accelerator and LCM.

Total estimated slurry volume for the 9.625" surface casing is 956.5 ft3. Slurry includes 35% excess of calculated open hole annular volume to 2200'.

NAME (PLEASE PRINT) WOLLY C. PERKINS TITLE REGULATORY COMPLIANCE TECH  
SIGNATURE *Wolly C. Perkins* DATE 11/2/2007

(This space for State use only)

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

DATE: 11/2/07  
BY: *[Signature]* (See Instructions on Reverse Side)

COPY SENT TO OPERATOR  
Date: 11-21-07  
Initials: BM  
(5/2000)

**RECEIVED**

**NOV 14 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
4304738027	LCU 1-2H		NENE	2	11S	20E	UINTAH
Action Code	Current Entity Number	New Entity Number	Spud Date		Entity Assignment Effective Date		
A	99999	16536	11/12/2007		11/29/07		
Comments: <u>MVRD</u>							

**Well 2**

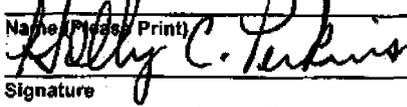
API Number	Well Name		QQ	Sec	Twp	Rng	County
4304738343	LCU 14-2H		SESW	2	11S	20E	UINTAH
Action Code	Current Entity Number	New Entity Number	Spud Date		Entity Assignment Effective Date		
A	99999	16537	11/19/2007		11/29/07		
Comments: <u>MVRD</u>							

**Well 3**

API Number	Well Name		QQ	Sec	Twp	Rng	County
4304738504	LCU 5-12H		NENW	12	11S	20E	UINTAH
Action Code	Current Entity Number	New Entity Number	Spud Date		Entity Assignment Effective Date		
A	99999	16538	11/8/2007		11/29/07		
Comments: <u>MVRD</u> <u>BAL = SWNW</u>							

**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)

HOLLY C. PERKINS  
 Name (Please Print)  
  
 Signature  
 Regulatory Compliance Tech 11/27/2007  
 Title Date

**RECEIVED**

**NOV 27 2007**

DIV. OF OIL, GAS & MINING

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

FORM 9

<b>SUNDRY NOTICES AND REPORTS ON WELLS</b>			5. LEASE DESIGNATION AND SERIAL NUMBER: <b>ML-48771</b>
			6. IF INDIAN, ALLOTTEE OR TRIBE NAME:
Do not use this form for proposals to drill new wells, significantly deepen existing wells below current bottom-hole depth, reenter plugged wells, or to drill horizontal laterals. Use APPLICATION FOR PERMIT TO DRILL form for such proposals.			7. UNIT or CA AGREEMENT NAME: <b>LITTLE CANYON UNIT</b>
1. TYPE OF WELL OIL WELL <input type="checkbox"/> GAS WELL <input checked="" type="checkbox"/> OTHER _____			8. WELL NAME and NUMBER: <b>LCU 1-2H</b>
2. NAME OF OPERATOR <b>XTO ENERGY INC.</b>			9. API NUMBER: <b>4304738027</b>
3. ADDRESS OF OPERATOR <b>382 CR 3100</b> CITY <b>AZTEC</b> STATE <b>NM</b> ZIP <b>87410</b>	PHONE NUMBER: <b>(505) 333-3100</b>	10. FIELD AND POOL, OR WILDCAT: <b>NATURAL BUTTES</b>	
4. LOCATION OF WELL FOOTAGES AT SURFACE: <b>874' FNL &amp; 445' FEL</b>			COUNTY: <b>UINTAH</b>
QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN: <b>NENE 2 11S 20E S</b>			STATE: <b>UTAH</b>

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"/> ALTER CASING <input type="checkbox"/> CASING REPAIR <input type="checkbox"/> CHANGE TO PREVIOUS PLANS <input type="checkbox"/> CHANGE TUBING <input type="checkbox"/> CHANGE WELL NAME <input type="checkbox"/> CHANGE WELL STATUS <input type="checkbox"/> COMMINGLE PRODUCING FORMATIONS <input type="checkbox"/> CONVERT WELL TYPE	<input type="checkbox"/> DEEPEN <input type="checkbox"/> FRACTURE TREAT <input type="checkbox"/> NEW CONSTRUCTION <input type="checkbox"/> OPERATOR CHANGE <input type="checkbox"/> PLUG AND ABANDON <input type="checkbox"/> PLUG BACK <input type="checkbox"/> PRODUCTION (START/RESUME) <input type="checkbox"/> RECLAMATION OF WELL SITE <input type="checkbox"/> RECOMPLETE - DIFFERENT FORMATION	<input type="checkbox"/> REPERFORATE CURRENT FORMATION <input type="checkbox"/> SIDETRACK TO REPAIR WELL <input type="checkbox"/> TEMPORARILY ABANDON <input type="checkbox"/> TUBING REPAIR <input type="checkbox"/> VENT OR FLARE <input type="checkbox"/> WATER DISPOSAL <input type="checkbox"/> WATER SHUT-OFF <input checked="" type="checkbox"/> OTHER: <b>SPUD</b>
<input checked="" type="checkbox"/> SUBSEQUENT REPORT (Submit Original Form Only)  Date of work completion: <b>11/12/2007</b>			

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

XTO Energy Inc. spudded 12-1/4" hole on 11/12/2007. Drilled to 2250' and set 49 joints 9-5/8", 36#, J-55, ST&C casing @ 2174' with 550 sx Premium Cement.

Drilling ahead . . .



NAME (PLEASE PRINT) <b>HOLLY C. PERKINS</b>	TITLE <b>REGULATORY COMPLIANCE TECH</b>
SIGNATURE <i>Holly C. Perkins</i>	DATE <b>11/27/2007</b>

(This space for State use only)

**RECEIVED**  
**DEC 03 2007**  
DIV. OF OIL, GAS & MINING

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

FORM 9

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1. TYPE OF WELL OIL WELL <input type="checkbox"/> GAS WELL <input checked="" type="checkbox"/> OTHER _____		7. UNIT or CA AGREEMENT NAME: <b>LITTLE CANYON UNIT</b>
2. NAME OF OPERATOR: <b>XTO ENERGY INC.</b>		8. WELL NAME and NUMBER: <b>LCU 1-2H</b>
3. ADDRESS OF OPERATOR: 382 CR 3100 CITY <b>AZTEC</b> STATE <b>NM</b> ZIP <b>87410</b>		9. API NUMBER: <b>4304738027</b>
PHONE NUMBER: <b>(505) 333-3100</b>		10. FIELD AND POOL, OR WLD CAT: <b>NATURAL BUTTES</b>
4. LOCATION OF WELL FOOTAGES AT SURFACE: <b>874' FNL &amp; 445' FEL</b>		COUNTY: <b>UINTAH</b>
QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN: <b>NENE 2 11S 20E S</b>		STATE: <b>UTAH</b>

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

TYPE OF SUBMISSION	TYPE OF ACTION		
<input type="checkbox"/> NOTICE OF INTENT (Submit in Duplicate) Approximate date work will start: _____	<input type="checkbox"/> ACIDIZE	<input type="checkbox"/> DEEPEN	<input type="checkbox"/> REPERFORATE CURRENT FORMATION
	<input type="checkbox"/> ALTER CASING	<input type="checkbox"/> FRACTURE TREAT	<input type="checkbox"/> SIDETRACK TO REPAIR WELL
<input checked="" type="checkbox"/> SUBSEQUENT REPORT (Submit Original Form Only) Date of work completion: <b>1/10/2008</b>	<input type="checkbox"/> CASING REPAIR	<input type="checkbox"/> NEW CONSTRUCTION	<input type="checkbox"/> TEMPORARILY ABANDON
	<input type="checkbox"/> CHANGE TO PREVIOUS PLANS	<input type="checkbox"/> OPERATOR CHANGE	<input type="checkbox"/> TUBING REPAIR
	<input type="checkbox"/> CHANGE TUBING	<input type="checkbox"/> PLUG AND ABANDON	<input type="checkbox"/> VENT OR FLARE
	<input type="checkbox"/> CHANGE WELL NAME	<input type="checkbox"/> PLUG BACK	<input type="checkbox"/> WATER DISPOSAL
	<input type="checkbox"/> CHANGE WELL STATUS	<input type="checkbox"/> PRODUCTION (START/RESUME)	<input type="checkbox"/> WATER SHUT-OFF
	<input type="checkbox"/> COMMINGLE PRODUCING FORMATIONS	<input type="checkbox"/> RECLAMATION OF WELL SITE	<input checked="" type="checkbox"/> OTHER: <b>MONTHLY REPORTING</b>
	<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.

Attached is XTO Energy's monthly report for the period of 10/05/2007 to 01/10/2008.

NAME (PLEASE PRINT) <b>DOLENA JOHNSON</b>	TITLE <b>OFFICE CLERK</b>
SIGNATURE <i>Dolena Johnson</i>	DATE <b>1/15/2008</b>

(This space for State use only)

**RECEIVED**  
**JAN 18 2008**

**Farmington Well Workover Report**

<b>LITTLE CANYON UNIT</b>	<b>Well # 1-2H</b>	<b>MV</b>
---------------------------	--------------------	-----------

**Objective:** Drill & Complete

**First Report:** 10/22/2007

**AFE:** 715755

**10/23/07** First rpt for AFE #715755 to D&C. MIRU Jackson Const. Std const. acc road on 10/09/07. STD loc on 10/19/07. RDMO Jackson Const 10/10/07. Lined pit w/16 mil lnr 10/22/07. Susp rpts pending further activity.

UINTAH

LCU 1-2H

LOCATION : NENE, Sec 2, T11S, R20E  
CONTRACTOR: Bill Jrs, 6  
WI %:  
AFE#: 715755  
API#: 43047380270000  
DATE FIRST RPT: 11/14/2007

DATE: 11/14/2007

OPERATION:

DFS: 1.83

Footage Made:

Measured Depth:

MW:

VISC:

WOB:

RPM:

DMC:

CMC:

DWC:

253,390.00

CWC:

253,390.00

TIME DIST:

(62.00) Drill 2205' of 12 1/4" hole. Run 2173.8' of 9 5/8" Surface Casing.. (6.00) Cement Surface Casing To Surface..

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

FORM 9

<b>SUNDRY NOTICES AND REPORTS ON WELLS</b>		5. LEASE DESIGNATION AND SERIAL NUMBER <b>ML48771</b>
Do not use this form for proposals to drill new wells, significantly deepen existing wells below current bottom-hole depth, reenter plugged wells, or to drill horizontal laterals. Use APPLICATION FOR PERMIT TO DRILL form for such proposals.		6. IF INDIAN, ALLOTTEE OR TRIBE NAME
1. TYPE OF WELL OIL WELL <input type="checkbox"/> GAS WELL <input checked="" type="checkbox"/> OTHER _____		7. UNIT or CA AGREEMENT NAME <b>LITTLE CANYON UNIT</b>
2. NAME OF OPERATOR <b>XTO ENERGY INC.</b>		8. WELL NAME and NUMBER. <b>LCU 1-2H</b>
3. ADDRESS OF OPERATOR: 382 CR 3100 CITY <b>AZTEC</b> STATE <b>NM</b> ZIP <b>87410</b>		9. API NUMBER <b>4304738027</b>
4. LOCATION OF WELL FOOTAGES AT SURFACE <b>874' FNL &amp; 445' FEL</b>		10. FIELD AND POOL, OR WILDCAT: <b>NATURAL BUTTES - MV</b>
QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN <b>NENE 2 11S 20E S</b>		COUNTY <b>UINTAH</b> STATE: <b>UTAH</b>

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 checked="" type="checkbox"/> SUBSEQUENT REPORT (Submit Original Form Only)  Date of work completion: <b>1/31/2008</b>	<input type="checkbox"/> ACIDIZE <input type="checkbox"/> ALTER CASING <input type="checkbox"/> CASING REPAIR <input type="checkbox"/> CHANGE TO PREVIOUS PLANS <input type="checkbox"/> CHANGE TUBING <input type="checkbox"/> CHANGE WELL NAME <input type="checkbox"/> CHANGE WELL STATUS <input type="checkbox"/> COMMINGLE PRODUCING FORMATIONS <input type="checkbox"/> CONVERT WELL TYPE	<input type="checkbox"/> DEEPEN <input type="checkbox"/> FRACTURE TREAT <input type="checkbox"/> NEW CONSTRUCTION <input type="checkbox"/> OPERATOR CHANGE <input type="checkbox"/> PLUG AND ABANDON <input type="checkbox"/> PLUG BACK <input type="checkbox"/> PRODUCTION (START/RESUME) <input type="checkbox"/> RECLAMATION OF WELL SITE <input type="checkbox"/> RECOMPLETE - DIFFERENT FORMATION	<input type="checkbox"/> REPERFORATE CURRENT FORMATION <input type="checkbox"/> SIDETRACK TO REPAIR WELL <input type="checkbox"/> TEMPORARILY ABANDON <input type="checkbox"/> TUBING REPAIR <input type="checkbox"/> VENT OR FLARE <input type="checkbox"/> WATER DISPOSAL <input type="checkbox"/> WATER SHUT-OFF <input checked="" type="checkbox"/> OTHER <b>MONTHLY DRILLING REPORT</b>

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

Attached is XTO Energy's monthly report for the period of 01/01/2008 to 01/31/2008.

NAME (PLEASE PRINT) <u>DOLENA JOHNSON</u>	TITLE <u>OFFICE CLERK</u>
SIGNATURE <u><i>Dolena Johnson</i></u>	DATE <u>2/5/2008</u>

(This space for State use only)

**RECEIVED**  
**FEB 08 2008**  
**DIV. OF OIL, GAS & MINING**

**Farmington Well Workover Report**

<b>LITTLE CANYON UNIT</b>	<b>Well # 001-02H</b>	<b>MV</b>
---------------------------	-----------------------	-----------

**Objective:** Drill & Complete

**First Report:** 10/22/2007

**AFE:** 715755

**1/29/08** Std clearing 600' of ROW. Std trenching 300'. SDFN.

**1/30/08** Cont clearing an add'l 600' of ROW. Cont trenching an add'l 210'. SDFN.

**1/31/08** Cont clearing an add'l 220' of ROW. Cont trenching an add'l 874'. SDFN.

**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.

<b>1. TYPE OF WELL</b>		<b>5. LEASE DESIGNATION AND SERIAL NUMBER:</b> ML-48771
OIL WELL <input type="checkbox"/> GAS WELL <input checked="" type="checkbox"/> OTHER _____		<b>6. IF INDIAN, ALLOTTEE OR TRIBE NAME:</b>
<b>2. NAME OF OPERATOR:</b> XTO ENERGY INC.		<b>7. UNIT or CA AGREEMENT NAME:</b> LITTLE CANYON UNIT
<b>3. ADDRESS OF OPERATOR:</b> 382 CR 3100 CITY AZTEC STATE NM ZIP 87410		<b>8. WELL NAME and NUMBER:</b> LCU 1-2H
PHONE NUMBER: (505) 333-3100		<b>9. API NUMBER:</b> 4304738027
<b>4. LOCATION OF WELL</b>		<b>10. FIELD AND POOL, OR WILDCAT:</b> NATURAL BUTTES / MV
FOOTAGES AT SURFACE: 874' FNL & 445' FEL		COUNTY: UINTAH
QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN: NENE 2 11S 20E S		STATE: UTAH

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

TYPE OF SUBMISSION	TYPE OF ACTION		
<input type="checkbox"/> NOTICE OF INTENT (Submit in Duplicate)  Approximate date work will start: _____	<input type="checkbox"/> ACIDIZE	<input type="checkbox"/> DEEPEN	<input type="checkbox"/> REPERFORATE CURRENT FORMATION
	<input type="checkbox"/> ALTER CASING	<input type="checkbox"/> FRACTURE TREAT	<input type="checkbox"/> SIDETRACK TO REPAIR WELL
	<input type="checkbox"/> CASING REPAIR	<input type="checkbox"/> NEW CONSTRUCTION	<input type="checkbox"/> TEMPORARILY ABANDON
	<input type="checkbox"/> CHANGE TO PREVIOUS PLANS	<input type="checkbox"/> OPERATOR CHANGE	<input type="checkbox"/> TUBING REPAIR
	<input type="checkbox"/> CHANGE TUBING	<input type="checkbox"/> PLUG AND ABANDON	<input type="checkbox"/> VENT OR FLARE
<input checked="" type="checkbox"/> SUBSEQUENT REPORT (Submit Original Form Only)  Date of work completion: 2/29/2008	<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: FEB'08 MONTHLY REPORTING
	<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.**

Attached is XTO Energy's monthly report for the period of 02/01/2008 through 02/29/2008.

NAME (PLEASE PRINT) <u>DOLENA JOHNSON</u>	TITLE <u>OFFICE CLERK</u>
SIGNATURE <u><i>Dolena Johnson</i></u>	DATE <u>3/1/2008</u>

(This space for State use only)

**RECEIVED**  
**MAR 05 2008**  
DIV. OF OIL, GAS & MINING

## Farmington Well Workover Report

<b>LITTLE CANYON UNIT</b>	<b>Well # 001-02H</b>	<b>MV</b>
---------------------------	-----------------------	-----------

**Objective:** Drill & Complete

**First Report:** 10/22/2007

**AFE:** 715755

**2/1/08** Cont clearing an add'l 280' of ROW. Cont trenching an add'l 316'. SDFN.

**2/2/08** Std cleaning out 1,700' of trench. Cont stringing out 1,700' of skids on ROW. Cont stringing out 1,700' of 6" .188W X52 gas line. SDFN.

**2/8/08** Cont bldg ROW. Cont bending 1,700', welded 880' of 6" .219 W X52 steel gas line. SDFN.

**2/11/08** Std clearing out ROW. Cont bending 1,700', welded 880' of 6" .219 W X52 steel gas line. SDWO crew sched for week of 2/11/08.

**2/12/08** SDWO crew sched for week of 2/11/08.

**2/13/08** Std inst of 6" shrink sleeve of 1,480' on 6" .188 W X52 steel gas line. SDFN.

**2/14/08** SDWO crew sched for 2/15/08.

**2/19/08** Compl welding 2-8' pups for risers for 3" mtr connect. Compl 2-6" & 2-4" welds. SDFN.

**2/20/08** Compl 1-6" tie ins. Compl lowering in 1,385' of 6" .188W X52 FB welded steel gas line. Compl x-ray of 3-6" welds. SDFN.

**2/21/08** SDWO crew sched for week of 2/25/08.

**2/29/08** Std backfilling 400'. Compl 8-6" welds. Compl x-ray of 5-6" welds. Compl inst of riser on the 20" .312W X52 FB welded gas line. SDFN.

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

FORM 9

**SUNDRY NOTICES AND REPORTS ON WELLS**

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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: XTO ENERGY INC.		6. IF INDIAN, ALLOTTEE OR TRIBE NAME: N/A
3. ADDRESS OF OPERATOR: 382 CR 3100 CITY AZTEC STATE NM ZIP 87410		7. UNIT or CA AGREEMENT NAME: LITTLE CANYON UNIT
4. LOCATION OF WELL FOOTAGES AT SURFACE: 874' FNL & 445' FEL QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN: NENE 2 11S 20E		8. WELL NAME and NUMBER: LCU 1-2H
PHONE NUMBER (505) 333-3100		9. API NUMBER: 4304738027
COUNTY: UINTAH		10. FIELD AND POOL, OR WILDCAT: NATURAL BUTTES
STATE: UTAH		

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

TYPE OF SUBMISSION	TYPE OF ACTION		
<input checked="" type="checkbox"/> NOTICE OF INTENT (Submit in Duplicate) Approximate date work will start: <u>3/10/2008</u>	<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
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	<input type="checkbox"/> CHANGE WELL STATUS	<input type="checkbox"/> PRODUCTION (START/RESUME)	<input type="checkbox"/> WATER SHUT-OFF
	<input type="checkbox"/> COMMINGLE PRODUCING FORMATIONS	<input type="checkbox"/> RECLAMATION OF WELL SITE	<input type="checkbox"/> OTHER: _____
	<input type="checkbox"/> CONVERT WELL TYPE	<input type="checkbox"/> RECOMPLETE - DIFFERENT FORMATION	

12. DESCRIBE PROPOSED OR COMPLETED OPERATIONS. Clearly show all pertinent details including dates, depths, volumes, etc.  
XTO Energy Inc. needs to drill the LCU 1-2H deeper than the original GeoProg had planned. The old prog had the well TD @ 7950'. This would TD the well in the upper Mesaverde. XTO needs to drill the well deeper than that, to at least 9200'; this is 1250' deeper than planned. Please approve per attached Revised Geo Prog.

*3/17/08 HKM  
\* verbal approval  
with condition cont  
is brought above  
Wasatch tongue &  
DOG M notified*

**COPY SENT TO OPERATOR**  
Date: 3.20.2008  
Initials: KS

NAME (PLEASE PRINT) <u>HOLLY C. PERKINS</u>	TITLE <u>REGULATORY COMPLIANCE TECH</u>
SIGNATURE <u>Holly C. Perkins</u>	DATE <u>3/7/2008</u>

(This space for State use only)  
**APPROVED BY THE STATE OF UTAH DIVISION OF OIL, GAS, AND MINING**  
DATE: 3/18/08  
BY: [Signature] (See Instructions on Reverse Side)  
*\* Verbal approval given w/ conditions (see above)*

**RECEIVED**  
**MAR 13 2008**  
DIV. OF OIL, GAS & MINING

## Geologic Prognosis – LCU #1-2H (Revised)

Well name: LCU #1-2H  
Location: Sec. 2, 10S-20E  
874' fnl & 445' fel

Operator: XTO Energy  
Prospect: Little Canyon Unit  
Field: Natural Buttes  
County/State: Uintah / Utah

Elevation: GL= 5383'      DF=      KB= 5402' est.

<u>FORMATION</u>	<u>DEPTH (TVD)</u>	<u>SUBSEA</u>
Wasatch Tongue	3712	+1690
Green River Tongue	4052	+1350
Wasatch	4192	+1210
Chapita Wells	5052	+ 350
Uteland Buttes	6252	- 850
Mesaverde	6912	-1510
TD	9200	

Primary objective(s): **Wasatch & Mesaverde**  
Secondary objective(s): **Green River**

Mud logger: No \_\_\_ Yes

Company Name: Chief Well Logging. Starting Depth: surface csg'

Plot 2' drill times from surface csg' to total depth.

Catch 10' samples from surface csg' to total depth.

DST: No  Yes \_\_\_      Formation(s): \_\_\_\_\_  
Core: No  Yes \_\_\_      Formation(s): \_\_\_\_\_

Electric Logging Program: Laterolog small-scale log from surface casing to TD.  
Laterolog/SP/GR detail log from surface csg' to TD.  
LDT/CNL/GR/Caliper detail log from surface csg' to TD.  
GR detail log from surface (KB) to TD.

Possible Specialty Log: N/A

Correlation Logs: HCU #16-34F  
Sec. 34-11S-20E

Remarks or special instructions: Straight hole..

Date Revised: March 6, 2008

Geologist: Jeff Jackson  
Office: (817) 885-3488  
Cell: (303) 875-6534  
E-mail: Jeff\_Jackson@xtoenergy.com

# BOPE REVIEW

<b>Well Name</b>	XTO LCU1-2Hrev API #43-047-38027
------------------	----------------------------------

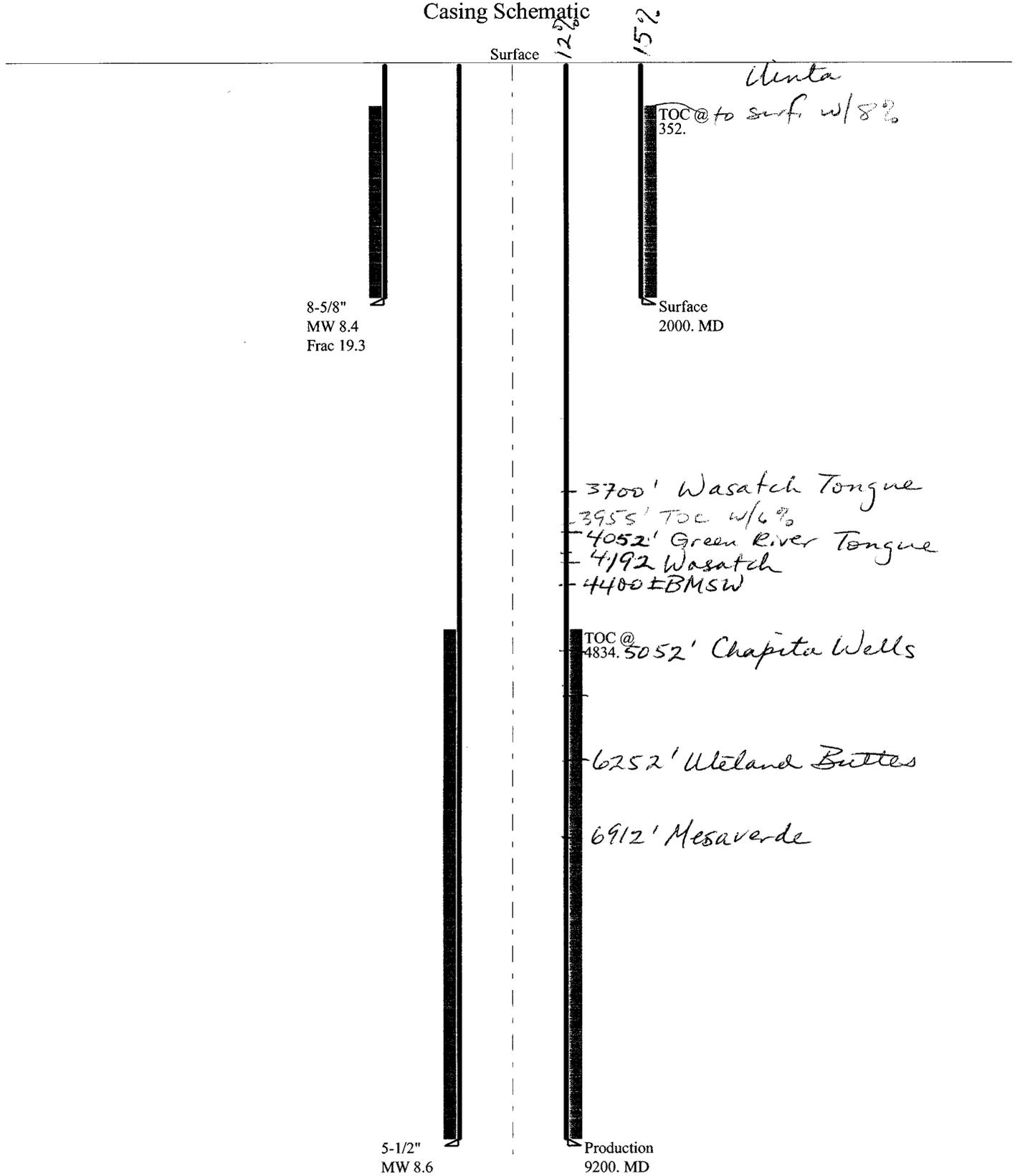
<b>INPUT</b>	XTO LCU1-2Hrev API #43-047-38027																																
Well Name	#NAME?																																
Casing Size (")	<table border="1" style="width: 100%; border-collapse: collapse;"> <thead> <tr> <th>String 1</th> <th>String 2</th> <th>String 3</th> <th>String 4</th> </tr> </thead> <tbody> <tr> <td style="text-align: center;">8 5/8</td> <td style="text-align: center;">5 1/2</td> <td></td> <td></td> </tr> <tr> <td style="text-align: center;">2000</td> <td style="text-align: center;">9200</td> <td></td> <td></td> </tr> <tr> <td style="text-align: center;">60</td> <td style="text-align: center;">2000</td> <td></td> <td></td> </tr> <tr> <td style="text-align: center;">8.4</td> <td style="text-align: center;">8.6</td> <td></td> <td></td> </tr> <tr> <td style="text-align: center;">500</td> <td style="text-align: center;">3000</td> <td></td> <td></td> </tr> <tr> <td style="text-align: center;">3930</td> <td style="text-align: center;">7740</td> <td></td> <td></td> </tr> <tr> <td style="text-align: center;">2000</td> <td style="text-align: center;">4.2 ppg</td> <td></td> <td></td> </tr> </tbody> </table>	String 1	String 2	String 3	String 4	8 5/8	5 1/2			2000	9200			60	2000			8.4	8.6			500	3000			3930	7740			2000	4.2 ppg		
String 1	String 2	String 3	String 4																														
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Setting Depth (TVD)																																	
Previous Shoe Setting Depth (TVD)																																	
Max Mud Weight (ppg)																																	
BOPE Proposed (psi)																																	
Casing Internal Yield (psi)																																	
Operators Max Anticipated Pressure (psi)																																	

<b>Calculations</b>	<b>String 1</b>	<b>8 5/8 "</b>	
Max BHP [psi]	.052*Setting Depth*MW =	874	
MASP (Gas) [psi]	Max BHP-(0.12*Setting Depth) =	634	BOPE Adequate For Drilling And Setting Casing at Depth? NO Air drill to surface shoe, rotating head & diverter <i>OK</i>
MASP (Gas/Mud) [psi]	Max BHP-(0.22*Setting Depth) =	434	YES <i>N/A</i>
Pressure At Previous Shoe	Max BHP-.22*(Setting Depth - Previous Shoe Depth) =	447	*Can Full Expected Pressure Be Held At Previous Shoe? NO <i>- No expected pressure</i>
Required Casing/BOPE Test Pressure		2000 psi	
*Max Pressure Allowed @ Previous Casing Shoe =		60 psi	*Assumes 1psi/ft frac gradient

<b>Calculations</b>	<b>String 2</b>	<b>5 1/2 "</b>	
Max BHP [psi]	.052*Setting Depth*MW =	4114	
MASP (Gas) [psi]	Max BHP-(0.12*Setting Depth) =	3010	BOPE Adequate For Drilling And Setting Casing at Depth? NO
MASP (Gas/Mud) [psi]	Max BHP-(0.22*Setting Depth) =	2090	YES ✓
Pressure At Previous Shoe	Max BHP-.22*(Setting Depth - Previous Shoe Depth) =	2530	*Can Full Expected Pressure Be Held At Previous Shoe? NO <i>reasonable ✓</i>
Required Casing/BOPE Test Pressure		3000 psi	
*Max Pressure Allowed @ Previous Casing Shoe =		2000 psi	*Assumes 1psi/ft frac gradient

05-06 Dominion XTO LCU 1-2Hrev

Casing Schematic



8-5/8"  
MW 8.4  
Frac 19.3

5-1/2"  
MW 8.6

Surface

12 5/8"

15 1/2"

*Uenta*

TOC @ to surf w/8%  
352.

Surface  
2000. MD

3700' Wasatch Tongue  
3955' TOC w/6%  
4052' Green River Tongue  
4192' Wasatch  
4400' BMSW

TOC @  
4834. 5052' Chapita Wells

6252' Uteland Buttes

6912' Mesaverde

Production  
9200. MD

Well name:	<b>05-06 Dominion XTO LCU 1-2Hrev</b>	
Operator:	<b>Dominion Exploration &amp; Production XTO</b>	
String type:	Surface	Project ID: 43-047-38027
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: 75 °F  
Bottom hole temperature: 103 °F  
Temperature gradient: 1.40 °F/100ft  
Minimum section length: 1,500 ft

Cement top: 352 ft

**Burst**

Max anticipated surface pressure: 1,760 psi  
Internal gradient: 0.120 psi/ft  
Calculated BHP 2,000 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 buoyed weight.  
Neutral point: 1,750 ft

**Non-directional string.**

**Re subsequent strings:**

Next setting depth: 9,200 ft  
Next mud weight: 8.600 ppg  
Next setting BHP: 4,110 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	684.3
Run Seq	Collapse Load (psi)	Collapse Strength (psi)	Collapse Design Factor	Burst Load (psi)	Burst Strength (psi)	Burst Design Factor	Tension Load (Kips)	Tension Strength (Kips)	Tension Design Factor
1	873	2530	2.899	2000	3930	1.97	56	372	6.64 J

Prepared by: Helen Sadik-Macdonald  
Div of Oil, Gas & Minerals

Phone: 801-538-5357  
FAX: 801-359-3940

Date: March 17, 2008  
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:

**05-06 Dominion XTO LCU 1-2Hrev**

Operator: ~~Dominion Exploration & Production~~ XTO

String type: Production

Project ID:  
43-047-38027

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

**Environment:**

H2S considered? No  
Surface temperature: 75 °F  
Bottom hole temperature: 204 °F  
Temperature gradient: 1.40 °F/100ft  
Minimum section length: 1,500 ft

**Burst:**

Design factor 1.00

Cement top: 4,834 ft

**Burst**

Max anticipated surface pressure: 2,086 psi  
Internal gradient: 0.220 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 buoyed 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	1200.8
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	136	273	2.01 B

Prepared by: Helen Sadik-Macdonald  
Div of Oil, Gas & Minerals

Phone: 801-538-5357  
FAX: 801-359-3940

Date: March 17, 2008  
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.

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

FORM 9

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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: XTO ENERGY INC.		6. IF INDIAN, ALLOTTEE OR TRIBE NAME: NA
3. ADDRESS OF OPERATOR: 382 CR 3100 CITY AZTEC STATE NM ZIP 87410		7. UNIT or CA AGREEMENT NAME: LITTLE CANYON UNIT
4. LOCATION OF WELL FOOTAGES AT SURFACE: 874' FNL & 445' FEL QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN: NENE 2 11S 20E		8. WELL NAME and NUMBER: LCU 1-2H
PHONE NUMBER: (505) 333-3100		9. API NUMBER: 4304738027
COUNTY: UINTAH		10. FIELD AND POOL, OR WLDCAT: NATURAL BUTTES
STATE: UTAH		

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

TYPE OF SUBMISSION	TYPE OF ACTION		
<input checked="" type="checkbox"/> NOTICE OF INTENT (Submit in Duplicate) Approximate date work will start: 3/19/2008	<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
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	<input type="checkbox"/> CHANGE WELL STATUS	<input type="checkbox"/> PRODUCTION (START/RESUME)	<input type="checkbox"/> WATER SHUT-OFF
	<input type="checkbox"/> COMMINGLE PRODUCING FORMATIONS	<input type="checkbox"/> RECLAMATION OF WELL SITE	<input type="checkbox"/> OTHER: _____
	<input type="checkbox"/> CONVERT WELL TYPE	<input type="checkbox"/> RECOMPLETE - DIFFERENT FORMATION	

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

XTO Energy Inc. proposes to extend this well to 9200'. John Egelston received verbal approval from Helen Sadik-McDonald at the Utah DOGM on 3/17/2008.

**COPY SENT TO OPERATOR**

Date: 4-3-2008  
Initials: KS

NAME (PLEASE PRINT) <u>HOLLY C. PERKINS</u>	TITLE <u>REGULATORY COMPLIANCE TECH</u>
SIGNATURE <u>Holly C. Perkins</u>	DATE <u>3/18/2008</u>

(This space for State use only)

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

DATE: 4/1/08

BY: [Signature] (See Instructions on Reverse Side)

Verbal Approval given 3/17/08. Procedure formally approved 3/18/08 - see sundry dated 3/7/08.

**RECEIVED**  
**MAR 21 2008**  
DIV. OF OIL, GAS & MINING

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

FORM 9

<b>SUNDRY NOTICES AND REPORTS ON WELLS</b>		5. LEASE DESIGNATION AND SERIAL NUMBER: <b>ML-48771</b>
Do not use this form for proposals to drill new wells, significantly deepen existing wells below current bottom-hole depth, reenter plugged wells, or to drill horizontal laterals. Use APPLICATION FOR PERMIT TO DRILL form for such proposals.		6. IF INDIAN, ALLOTTEE OR TRIBE NAME:
1. TYPE OF WELL OIL WELL <input type="checkbox"/> GAS WELL <input checked="" type="checkbox"/> OTHER _____		7. UNIT or CA AGREEMENT NAME: <b>LITTLE CANYON UNIT</b>
2. NAME OF OPERATOR: <b>XTO ENERGY INC.</b>		8. WELL NAME and NUMBER: <b>LCU 1-2H</b>
3. ADDRESS OF OPERATOR: <b>382 CR 3100</b> CITY <b>AZTEC</b> STATE <b>NM</b> ZIP <b>87410</b>		9. API NUMBER: <b>4304738027</b>
PHONE NUMBER: <b>(505) 333-3100</b>		10. FIELD AND POOL, OR WILDCAT: <b>NATURAL BUTTES / MV</b>
4. LOCATION OF WELL FOOTAGES AT SURFACE: <b>874' FNL &amp; 445' FEL</b>		COUNTY: <b>UINTAH</b>
QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN: <b>NENE 2 11S 20E S</b>		STATE: <b>UTAH</b>

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 checked="" type="checkbox"/> SUBSEQUENT REPORT (Submit Original Form Only)  Date of work completion: <b>3/31/2008</b>	<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 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: <b>MARCH MONTHLY REPORT</b>
	<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.  
Attached is XTO Energy's monthly report for the period of 03/01/2008 thru 03/31/2008.

NAME (PLEASE PRINT) <u>DOLENA JOHNSON</u>	TITLE <u>OFFICE CLERK</u>
SIGNATURE <u><i>Dolena Johnson</i></u>	DATE <u>4/3/2008</u>

(This space for State use only)

**RECEIVED**  
**APR 09 2008**  
**DIV. OF OIL, GAS & MINING**

## Farmington Well Workover Report

LITTLE CANYON UNIT	Well # 001-02H	MV
--------------------	----------------	----

**Objective:** Drill & Complete

**First Report:** 10/22/2007

**AFE:** 715755

**3/1/08** Std bolting up & pre-fab on 6" .188 W X 52 steel gas line. SDFWE.

**3/4/08** Cont bolting up & pre-fab on 6".188 W X 52 steel gas line. Compl 8-6" welds. Compl padding & backfilling 500' of trench for the 6".188 W X 52 steel gas line. Compl inst of 8-6" shrink sleeves. Compl 5-2" welds. Compl x-ray of 2-2" & 19-6" welds. SDFN.

**3/5/08** SDWO crew sched for week of 3/10/08.

**3/18/08** SDWO well to be drilled sched for week of 4/7/08.

**3/25/08** Wellview has drlg detail & accumulated cost.

**UINTAH**

**LCU 1-2H**

LOCATION : NENE, Sec 2, T11S, R20E  
CONTRACTOR: Frontier Drilling, 2  
WI %:  
AFE#: 715755  
API#: 43047380270000  
DATE FIRST RPT: 11/14/2007

DATE: 3/16/2008  
OPERATION: MIRU  
DFS: 124.75      Footage Made:      Measured Depth:  
MW:      VISC:  
WOB:      RPM:  
DMC:      CMC:      DWC:      31,850.00      CWC:      285,240.00  
TIME DIST: (24.00) MIRU.

DATE: 3/17/2008  
OPERATION: DRLG  
DFS: 125.75      Footage Made: 120      Measured Depth: 2,320  
MW:      VISC:  
WOB: 20      RPM: 60  
DMC:      CMC:      DWC:      31,850.00      CWC:      317,090.00  
TIME DIST: (2.00) INSPECT DP. (9.50) TEST BOPE. (2.00) INSPEC DP. (6.50) PU BHA AND DP. (2.50) DRLG CMT, FLT AND SHOE.  
(0.50) DRLG TO 2288. (0.50) SURVEY & FIT. (0.50) DRLG TO 2320.

DATE: 3/18/2008  
OPERATION: DRLG  
DFS: 126.75      Footage Made: 1,641      Measured Depth: 3,961  
MW: 8.5      VISC: 26  
WOB: 22      RPM: 55  
DMC:      CMC:      DWC:      35,889.00      CWC:      352,979.00  
TIME DIST: (8.00) DRLG TO 2858. (0.50) RIG SERVICE. (6.00) DRLG TO 3302. (0.50) SURVEY @ 3222 1.15 DEG. (9.00) DRLG TO 3961.

DATE: 3/19/2008  
OPERATION: DRLG  
DFS: 127.75      Footage Made: 1,497      Measured Depth: 5,458  
MW:      VISC:  
WOB: 22      RPM: 55  
DMC:      CMC:      DWC:      43,147.00      CWC:      396,126.00  
TIME DIST: (4.50) DRLG TO 4289. (0.50) SURVEY @ 4203 1.23 DEG. (3.50) DRLG TO 4538. (0.50) RIG SERVICE. (12.00) DRLG TO 5299. (0.50) SURVEY @ 5219 1.6. (2.50) DRLG TO 5458.

DATE: 3/20/2008  
OPERATION: DRLG  
DFS: 128.75      Footage Made: 1,300      Measured Depth: 6,758  
MW: 8.5      VISC: 26  
WOB: 24      RPM: 50  
DMC:      CMC:      DWC:      36,408.00      CWC:      432,534.00  
TIME DIST: (8.50) DRLG TO 5966. (0.50) RIG SERVICE. (5.50) DRLG TO 6283. (0.50) SURVEY @ 6203 1.84 DEG. (9.00) DRLG TO 6758.

DATE: 3/21/2008  
OPERATION: DRLG  
DFS: 129.75      Footage Made: 1,052      Measured Depth: 7,810  
MW: 8.6      VISC: 26  
WOB: 24      RPM: 50  
DMC:      CMC:      DWC:      41,900.00      CWC:      474,434.00  
TIME DIST: (9.00) DRLG TO 7202. (0.50) RIG SERVICE. (2.50) DRLG TO 7297. (0.50) SURVEY @ 7219 1.35 DEG. (11.50) DRLG TO 7810.

DATE: 3/22/2008  
OPERATION: Trip for bit.  
DFS: 130.75      Footage Made: 791      Measured Depth: 8,601  
MW: 9      VISC: 39  
WOB: 24      RPM: 50  
DMC:      CMC:      DWC:      43,625.00      CWC:      518,059.00

**TIME DIST:** (7.50) Drlg f/ 7810' to 8121'.. (0.50) Rig Service.. (5.00) Drlg f/ 8121' to 8344'.. (1.00) Rig Repair, pump liner gasket.. (2.50) Drlg f/ 8344' to 8439'.. (0.50) Survey @ 8361', 2.1 deg.. (6.00) Drlg f/ 8439' to 8601'.. (1.00) Pump dry job and blow down kelly..

**DATE:** 3/23/2008

**OPERATION:** Drlg

**DFS:** 131.75

**Footage Made:** 461

**Measured Depth:** 9,062

**MW:** 9.5

**VISC:** 40

**WOB:** 25

**RPM:** 50

**DMC:**

**CMC:**

**DWC:** 39,520.00

**CWC:** 557,579.00

**TIME DIST:** (6.50) Trip for bit.. (1.50) Cut drlg line and fill pipe.. (2.50) Trip in hole.. (13.50) Drlg f/ 8601' to 9062'..

**DATE:** 3/24/2008

**OPERATION:** Circ

**DFS:** 132.75

**Footage Made:** 158

**Measured Depth:** 9,220

**MW:** 9.7

**VISC:** 47

**WOB:** 18

**RPM:** 50

**DMC:**

**CMC:**

**DWC:** 74,998.00

**CWC:** 632,577.00

**TIME DIST:** (6.50) Drlg f/ 9062' to 9220'. (1.00) Circ havis sweep and dry job.. (4.50) Trip out for logs. Lay down mud motor and survey tool. (6.50) Safety meeting w/ log and rig crews. Log w/ Schlumberger, ran gamma ray, compensated neutron, laterlog and caliper/volume. 9214' loggers depth.. (4.50) Trip in to lay down drill pipe.. (1.00) Circ and wait on lay down crew..

**DATE:** 3/25/2008

**OPERATION:** Rig Down

**DFS:** 133.75

**Footage Made:** 0

**Measured Depth:** 9,220

**MW:**

**VISC:**

**WOB:**

**RPM:**

**DMC:**

**CMC:**

**DWC:** 190,542.00

**CWC:** 823,119.00

**TIME DIST:** (1.00) Circ and wait on Lay down crew.. (7.50) Safety meeting and lay down drill pipe.. (8.00) Safety meeting and run 205 jts, 17#, I-80, LTC Csg. Total 9193.86' Set @ 9188.24'.. (4.00) Safety meeting and Cmt w/ Halliburton, plug down @ 01:41, 3-25-08.. (3.50) Nipple down and clean pits. Rig released @ 06:00, 3-25-08..

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

FORM 9

5. LEASE DESIGNATION AND SERIAL NUMBER:  
**ML-48771**

**SUNDRY NOTICES AND REPORTS ON WELLS**

6. IF INDIAN, ALLOTTEE OR TRIBE NAME:

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

7. UNIT or CA AGREEMENT NAME:  
**LITTLE CANYON UNIT**

1. TYPE OF WELL      OIL WELL       GAS WELL       OTHER \_\_\_\_\_

8. WELL NAME and NUMBER:  
**LCU 1-2H**

2. NAME OF OPERATOR:  
**XTO ENERGY INC.**

9. API NUMBER:  
**4304738027**

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

PHONE NUMBER:  
**(505) 333-3100**

10. FIELD AND POOL, OR WLD/CAT:  
**NATURAL BUTTES / MV**

4. LOCATION OF WELL  
FOOTAGES AT SURFACE: **874' FNL & 445' FEL**  
  
QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN: **NENE 2 11S 20E S**

COUNTY: **UINTAH**  
  
STATE: **UTAH**

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

TYPE OF SUBMISSION	TYPE OF ACTION		
<input 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: <b>4/30/2008</b>	<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: <b>APRIL MONTHLY REPORT</b>
	<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.  
Attached is XTO Energy's monthly report for the period of 04/01/2008 thru 04/30/2008.

NAME (PLEASE PRINT) JENNIFER HEMBRY      TITLE FILE CLERK  
SIGNATURE Jennifer Hembry      DATE 5/2/2008

(This space for State use only)

**RECEIVED**  
**MAY 08 2008**  
DIV. OF OIL, GAS & MINING

### Farmington Well Workover Report

LITTLE CANYON UNIT	Well # 001-02H	MV
<b>Objective:</b> Drill & Complete		
<b>First Report:</b>	10/22/2007	
<b>AFE:</b>	715755	
<b>4/7/08</b>	MI build pads for sep/dehy combo unit, tk & mtr. Set 12' x 15' O tk (SN 0780) w/500K htr & 12' x 15' wtr tk (SN 0779) w/500k htr. Set 3 phase Pesco sep/dehy combo unit w/pre htr w/ 500k heater (SN 0710-01) & 16" X 8' 6" sep (SN 1346) & 16" x 16' absorber tower (SN 1157) & dehy w/250k htr (SN SB12-6H ). Build pad & set 2" sales mtr run w/daniels simplex w/600 psi flanges. Run 2" sch 80 TBE bare pipe fr/ WH to combo unit & fr/combo unit to prod tk. Run 2" ln fr/ combo unit to sales mtr. Run 1/2" steel tbg for heat trace to tk & WH. Inst tk containment ring 44" x 36' x 10 gauge & paint carlsbad tan. Insulate & tin flw ln & tk ln. Susp rept pending further activity.	
<b>4/9/08</b>	MI equip to loc. Std digging up & exposed 6" .188 W X 42 steel gas line. Std tie in on 6" .188 W X 42 steel gas line to 3" mtr run. Std bolting up & inst 3" block vlv to mtr run. Std bolting up & inst 2" blow down to mtr run. Compl 2-2", 2-4", 2-3" & 1-6" beveled ends. Compl 3-4", 4-3", 1-6", & 3-2" welds. SDFN.	
<b>4/15/08</b>	Compl PT on 6" .188 W X 42 steel gas line for 8 hrs @ 870. PT good.	

UNITED STATES  
 DEPARTMENT OF THE INTERIOR  
 BUREAU OF LAND MANAGEMENT

FORM APPROVED  
 OMB NO. 1004-0137  
 Expires July 31, 2010

**SUNDRY NOTICES AND REPORTS ON WELLS**

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

5. Lease Serial No.

**ML-48771**

6. If Indian, Allottee or Tribe Name

**SUBMIT IN TRIPLICATE - Other instructions on page 2**

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

**LITTLE CANYON UNIT**

1. Type of Well

Oil Well  Gas Well  Other

8. Well Name and No.

**LCU 1-2H**

2. Name of Operator

**XTO Energy Inc.**

9. API Well No.

**43-047-38027**

3a. Address

**382 CR 3100 Aztec, NM 87410**

3b. Phone No. (include area code)

**505-333-3100**

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

**874' FNL & 445' FEL NENE SEC 2-T11S-R20E**

10. Field and Pool, or Exploratory Area

**NATURAL BUTTES**

**MESA VERDE**

11. County or Parish, State

**UTAH**

**UTAH**

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

TYPE OF SUBMISSION

TYPE OF ACTION

Notice of Intent

Acidize

Deepen

Production (Start/Resume)

Water Shut-Off

Subsequent Report

Alter Casing

Fracture Treat

Reclamation

Well Integrity

Final Abandonment Notice

Casing Repair

New Construction

Recomplete

Other **MAY 2008**

Change Plans

Plug and Abandon

Temporarily Abandon

**MONTHLY REPORTING**

Convert to Injection

Plug Back

Water Disposal

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

**Attached is XTO Energy's monthly report for the period of 05/01/2008 THRU 05/31/2008.**

**RECEIVED**

**JUN 06 2008**

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

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

**JENNIFER M. HEMBRY**

Title **FILE CLERK**

Signature

*Jennifer M. Hembry*

Date **06/03/2008**

**THIS SPACE FOR FEDERAL OR STATE OFFICE USE**

Approved by

Title

Date

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

Office

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

**DOGm COPY**

**Farmington Well Workover Report**

<b>LITTLE CANYON UNIT</b>	<b>Well # 001-02H</b>	<b>MV</b>
---------------------------	-----------------------	-----------

**Objective:** Drill & Complete

**First Report:** 10/22/2007

**AFE:** 715755

**5/17/08** SICP 0 psig. MIRU CTU. PT CT & surf equip to 5000 psig. RIH w/4-3/4" bit, motor assy & 2" CT. Tgd cmt @ 9124' (CT meassment). Estb circion. DO cmt to FC @ 9141'. Cont to DO FC & cmt to 9170'. Circ cln w/trtd 2% KCl wtr. PT csg to 5000 psig, 10". Gd tst. TOH w/CT & LD tls. SWI. RDMO CTU.

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UNITED STATES  
DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENT

FORM APPROVED  
OMB NO. 1004-0137  
Expires July 31, 2010

SUNDRY NOTICES AND REPORTS ON WELLS

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

**DOG M COPY**

**SUBMIT IN TRIPLICATE - Other instructions on page 2**

1. Type of Well <input type="checkbox"/> Oil Well <input checked="" type="checkbox"/> Gas Well <input type="checkbox"/> Other	5. Lease Serial No. <b>ML-48771</b>
2. Name of Operator <b>XTO Energy Inc.</b>	6. If Indian, Allottee or Tribe Name
3a. Address <b>382 CR 3100 Aztec, NM 87410</b>	7. If Unit or CA/Agreement, Name and/or No. <b>LITTLE CANYON UNIT</b>
3b. Phone No. (include area code) <b>505-333-3100</b>	8. Well Name and No. <b>LCU 1-2H</b>
4. Location of Well (Footage, Sec., T., R., M., or Survey Description) <b>874' FNL &amp; 445' FEL NENE SEC 2-T11S-R20E</b>	9. API Well No. <b>43-047-38027</b>
	10. Field and Pool, or Exploratory Area <b>NATURAL BUTTES MESA VERDE</b>
	11. County or Parish, State <b>UINTAH UTAH</b>

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

TYPE OF SUBMISSION	TYPE OF ACTION			
<input type="checkbox"/> Notice of Intent	<input type="checkbox"/> Acidize	<input type="checkbox"/> Deepen	<input type="checkbox"/> Production (Start/Resume)	<input type="checkbox"/> Water Shut-Off
<input checked="" type="checkbox"/> Subsequent Report	<input type="checkbox"/> Alter Casing	<input type="checkbox"/> Fracture Treat	<input type="checkbox"/> Reclamation	<input type="checkbox"/> Well Integrity
<input type="checkbox"/> Final Abandonment Notice	<input type="checkbox"/> Casing Repair	<input type="checkbox"/> New Construction	<input type="checkbox"/> Recomplete	<input checked="" type="checkbox"/> Other <b>1ST DELIVERY</b>
	<input type="checkbox"/> Change Plans	<input type="checkbox"/> Plug and Abandon	<input type="checkbox"/> Temporarily Abandon	
	<input type="checkbox"/> Convert to Injection	<input type="checkbox"/> Plug Back	<input type="checkbox"/> Water Disposal	

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

XTO Energy Inc. first delivered this well to Questar Gas Management through the Waynes CK CDP @ 12:25 p.m. on Thursday, 06/19/2008. IFR of 1200 MCFPD.

XTO Allocation Meter #388210  
Waynes CK CDP Meter #387989

**RECEIVED**  
**JUN 23 2008**  
**DIV. OF OIL, GAS & MINING**

14. I hereby certify that the foregoing is true and correct Name (Printed/Typed) <b>JENNIFER M. HEMBRY</b>		Title <b>FILE CLERK</b>
Signature <i>Jennifer M. Hembry</i>		Date <b>06/20/2008</b>
<b>THIS SPACE FOR FEDERAL OR STATE OFFICE USE</b>		
Approved by	Title	Date
Conditions of approval, if any, are attached. Approval of this notice does not warrant or certify that the applicant holds legal or equitable title to those rights in the subject lease which would entitle the applicant to conduct operations thereon.		Office

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

**DOG M COPY**

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENT

**DOGM COPY**

FORM APPROVED  
OMB NO. 1004-0137  
Expires July 31, 2010

**SUNDRY NOTICES AND REPORTS ON WELLS**

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

**SUBMIT IN TRIPLICATE - Other instructions on page 2**

1. Type of Well <input type="checkbox"/> Oil Well <input checked="" type="checkbox"/> Gas Well <input type="checkbox"/> Other		5. Lease Serial No. <b>ML-48771</b>
2. Name of Operator <b>XTO Energy Inc.</b>		6. If Indian, Allottee or Tribe Name
3a. Address <b>382 CR 3100 Aztec, NM 87410</b>	3b. Phone No. (include area code) <b>505-333-3100</b>	7. If Unit or CA/Agreement, Name and/or No. <b>LITTLE CANYON UNIT</b>
4. Location of Well (Footage, Sec., T., R., M., or Survey Description) <b>874' FNL &amp; 445' FEL NENE SEC 2-T11S-R20E</b>		8. Well Name and No. <b>LCU 1-2H</b>
		9. API Well No. <b>43-047-38027</b>
		10. Field and Pool, or Exploratory Area <b>NATURAL BUTTES MESA VERDE</b>
		11. County or Parish, State <b>UINTAH UTAH</b>

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

TYPE OF SUBMISSION	TYPE OF ACTION		
<input type="checkbox"/> Notice of Intent	<input type="checkbox"/> Acidize	<input type="checkbox"/> Deepen	<input type="checkbox"/> Production (Start/Resume) <input type="checkbox"/> Water Shut-Off
<input checked="" type="checkbox"/> Subsequent Report	<input type="checkbox"/> Alter Casing	<input type="checkbox"/> Fracture Treat	<input type="checkbox"/> Reclamation <input type="checkbox"/> Well Integrity
<input type="checkbox"/> Final Abandonment Notice	<input type="checkbox"/> Casing Repair	<input type="checkbox"/> New Construction	<input checked="" type="checkbox"/> Other <b>JUNE 2008</b>
	<input type="checkbox"/> Change Plans	<input type="checkbox"/> Plug and Abandon	<b>MONTHLY REPORT</b>
	<input type="checkbox"/> Convert to Injection	<input type="checkbox"/> Plug Back	
		<input type="checkbox"/> Temporarily Abandon	
		<input type="checkbox"/> Water Disposal	

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

Attached is XTO Energy's monthly report for the period of 06/01/200/ thru 06/30/2008.

**RECEIVED**  
**JUL 07 2008**  
DIV. OF OIL, GAS & MINING

14. I hereby certify that the foregoing is true and correct Name (Printed/Typed) <b>JENNIFER M. HEMBRY</b>	Title <b>FILE CLERK</b>
Signature <i>Jennifer M. Hembry</i>	Date <b>07/01/2008</b>

**THIS SPACE FOR FEDERAL OR STATE OFFICE USE**

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

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

**DOGM COPY**

## Farmington Well Workover Report

LITTLE CANYON UNIT	Well # 001-02H	MV
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**Objective:** Drill & Complete

**First Report:** 10/22/2007

**AFE:** 715755

6/3/08 Cont rpt for AFE # 715755 to D&C. SICP 0 psig. MURU HES & Casedhole Solutions WL. Held safety mtg & PT all surface lines to 7,500 psig, held gd. RIH & perf stg #1 w/3-1/8" csg guns loaded w/Titan EXP-3323-361T, 22.7 gm chrgs, fr/9,016' - 9,019', 9,096' - 9,101', 9,106' - 9,110', 9,119' - 9,122' w/2 JSPF (120 deg phasing, 0.36" EHD, 35.63" pene., 34 holes). BD MV stg #1 perfs w/2% KCL wtr & EIR. A. MV perfs fr/9,016' - 9,122' w/1,000 gals of 7-1/2% NEFE HCL ac & 51 Bio-BS @ 12 bpm dwn 5-1/2" csg. ISIP 3,105 psig, 5" 2,970 psig, 10" 2,946 psig, surge balls off perfs & SD 20". Unable to frac, HES's computer failed. SWI & SDFN.

6/4/08 SICP 0 psig. W/HES & Casedhole Solutions rigged up. Held safety mtg & PT all surface lines to 7,500 psig, held gd. Fracd MV stg #1 perfs fr/9,016' - 9,122', dwn 5-1/2" csg w/28,437 gals wtr, 60Q N2 foam gelled fld (Delta-R Foam Frac), 2% KCl wtr carrying 48,800# BASF 20/40 sd, coated w/Expedite Lite. Max sd conc 3 ppg, ISIP 3,466 psig, 5" SIP 3,182 psig. Used 870,000 mscf of N2, 677 BLWTR (stg 1). RIH & set 10K CBP @ 9,005'. PT plg to 6,000 psig, gd tst. RIH w/3-1/8" csg guns loaded w/Titan EXP-3323-361T, 22.7 gm chrgs. Perf MV stage #2 intv fr/8,811' - 8,813', 8,835' - 8,837', 8,870' - 8,872', 8,875' - 8,877', 8,887' - 8,889', 8,915' - 8,918', 8,943' - 8,947', 8,964' - 8,966' & 8,971' - 8,973' w/2 JSPF (120 deg phasing, 0.36" EHD, 35.63" pene., 51 holes). POH & LD perf guns. BD MV stg #2 perfs w/2% KCL wtr & EIR. A. MV perfs fr/8,811' - 8,973' w/1,500 gals of 7-1/2% NEFE HCL ac & 76 Bio-BS @ 12 bpm dwn 5-1/2" csg. ISIP 3,400 psig, 5" SIP 3,295 psig, 10" SIP 3,238 psig, surge balls off perfs & SD 20". Fracd MV stg #2 perfs fr/8,811' - 8,973', dwn 5-1/2" csg w/48,375 gals wtr, 70Q N2 foam gelled fld (Delta-R Foam Frac), 2% KCl wtr carrying 110,400# BASF 20/40 sd, coated w/Expedite Lite. Max sd conc 3 ppg, ISIP 3,945 psig, 5" SIP 3,725 psig. Used 2,021,000 mscf of N2, 1152 BLWTR (stg 2). RIH & set 10K CBP @ 8,790'. PT plg to 6,000 psig, gd tst. RIH w/3-1/8" csg guns loaded w/Titan EXP-3323-361T, 22.7 gm chrgs. Perf MV stage #3 intv fr/8,627' - 8,630', 8,743' - 8,756', w/2 JSPF (120 deg phasing, 0.36" EHD, 35.63" pene., 34 holes). POH & LD perf guns. Spearhead 1000 gals of 7-1/2% HCL & fracd MV stg #3 perfs fr/8,627' - 8,756', dwn 5-1/2" csg w/24,978 gals wtr, 70Q N2 foam gelled fld (Delta-R Foam Frac), 2% KCl wtr carrying 49,800# BASF 20/40 sd, coated w/Expedite Lite. Max sd conc 3 ppg, ISIP 3,427 psig, 5" SIP 3,146 psig. Used 717,000 mscf of N2, 595 BLWTR (stg 3). RIH & set 10K CBP @ 7,850'. PT plg to 6,000 psig, gd tst. RIH w/3-1/8" csg guns loaded w/Titan EXP-3323-361T, 22.7 gm chrgs. Perf MV stage #4 intv fr/7,644' - 7,648' & 7,652' - 7,659' w/2 JSPF (120 deg phasing, 0.36" EHD, 35.63" pene., 24 holes). POH & LD perf guns. Spearhead 1000 gals of 7-1/2% HCL & fracd MV stg #4 perfs fr/7,644' - 7,659', dwn 5-1/2" csg w/17,219 gals wtr, 70Q N2 foam gelled fld (Delta-R Foam Frac), 2% KCl wtr carrying 35,500# BASF 20/40 sd, coated w/Expedite Lite. Max sd conc 3 ppg, ISIP 3,502 psig, 5" SIP 3,252 psig. Used 646,000 mscf of N2, 410 BLWTR (stg 4). RIH & set 10K CBP @ 7,530'. PT plg to 6,000 psig, gd tst. RIH w/3-1/8" csg guns loaded w/Titan EXP-3323-361T, 22.7 gm chrgs. Perf MV stage #5 intv fr/7,381' - 7,384', 7,390' - 7,396' & 7,402' - 7,406' w/2 JSPF (120 deg phasing, 0.36" EHD, 35.63" pene., 29 holes). POH & LD perf guns. Spearhead 1000 gals of 7-1/2% HCL & fracd MV stg #5 perfs fr/7,381' - 7,406' dwn 5-1/2" csg w/19,256 gals wtr, 70Q N2 foam gelled fld (Delta-R Foam Frac), 2% KCl wtr carrying 58,900# BASF 20/40 sd, coated w/Expedite Lite. Max sd conc 3 ppg, ISIP N/A psig, 5" SIP N/A psig. Used 819,000 mscf of N2, Screened out w/8,000 lbs of sd in csg, and 50,900 lbs in formation. 459 BLWTR (stg 5). SDFN. 3,293 BLWTR ttl. Opn well to the pit tk on a 24/64 ck in an att to flw sd out of the csg.

6/5/08 FCP 500 psig, F. 0 BO, 210 BLW, 8 hrs, FCP 5,000 - 500 psig, 24/64" ck. Rets of sd, gas, wtr. 3,083 BLWTR. W/HES & Casedhole Solutions WL rigged up. Held safety mtg & PT all surface lines to 7,500 psig, held gd. RIH w/shot perf gun to 7,350, did not tg fill. POH & LD perf gun. RIH set 6K CBP @ 7,360'. PT plg to 6,000 psig, gd tst. RIH w/3-1/8" csg guns loaded w/Titan EXP-3323-361T, 22.7 gm chrgs. Perf MV stage #6 intv fr/6,934' - 6,938', 7,008' - 7,012' & 7,204' - 7,209' w/2 JSPF (120 deg phasing, 0.36" EHD, 35.63" pene., 29 holes). POH & LD perf guns. BD MV stg #6 perfs w/2% KCL wtr & EIR. A. MV perfs fr/6,934' - 7,209' w/1,100 gals of 7-1/2% NEFE HCL ac & 43 Bio-BS @ 12 bpm dwn 5-1/2" csg. ISIP 3,710 psig, 5" SIP 2,780 psig, 10" SIP 2,367 psig, surge balls off perfs & SD 20". Fracd MV stg #6 perfs fr/6,934' - 7,209' dwn 5-1/2" csg w/30,349 gals wtr, 70Q N2 foam gelled fld (Delta-R Foam Frac), 2% KCl wtr carrying 45,900# BASF 20/40 sd, coated w/Expedite Lite. Max sd conc 3 ppg, ISIP 3,565 psig, 5" SIP 3,430 psig. Used 755,000 mscf of N2, 723 BLW (stg 6). RIH & set 6K CBP @ 5,900'. PT plg to 6,000 psig, gd tst. RIH w/3-1/8" csg guns loaded w/Titan EXP-3323-361T, 22.7 gm chrgs. Perf CW stage #7 intv fr/5,373' - 5,380' & 5,769' - 5,774' w/2 JSPF (120 deg phasing, 0.36" EHD, 35.63" pene., 26 holes). POH & LD perf guns. BD CW stg #7 perfs w/2% KCL wtr & EIR. A. CW perfs fr/5,373' - 5,774' w/750 gals of 7-1/2% NEFE HCL ac & 39 Bio-BS @ 12 bpm dwn 5-1/2" csg. ISIP 1,875 psig, 5" SIP 1,647 psig, 10" SIP 1,502 psig, surge balls off perfs & SD 20". Fracd CW stg #7 perfs fr/5,373' - 5,774', dwn 5-1/2" csg w/21,559 gals wtr, 70Q N2 foam gelled fld (Delta-R Foam Frac), 2% KCl wtr carrying 52,100# BASF 20/40 sd, coated w/Expedite Lite. Max sd conc 4 ppg, ISIP 2,425 psig, 5" SIP 2,270 psig. Used 581,000 mscf of N2, 513 BLW (stg 7). RIH & set 6K CBP @ 5,270'. PT plg to 6,000 psig, gd tst. RIH w/3-1/8" csg guns loaded w/Titan EXP-3323-361T, 22.7 gm chrgs. Perf CW stage #8 intv fr/4,764' - 4,769' & 5,102' - 5,107' w/2 JSPF (120 deg phasing, 0.36" EHD, 35.63" pene., 22 holes). POH & LD perf guns. BD CW stg #8 perfs w/2% KCL wtr & EIR. A. CW perfs fr/4,764' - 5,107' w/750 gals of 7-1/2% NEFE HCL ac & 33 Bio-BS @ 12 bpm dwn 5-1/2" csg. ISIP 2,010 psig, 5" SIP 1,465 psig, 10" SIP 1,330 psig, surge balls off perfs & SD 20". Fracd CW stg #8 perfs fr/4,764' - 5,107' dwn 5-1/2" csg w/22,492 gals wtr, 70Q N2 foam gelled fld (Delta-R Foam

Frac), 2% KCl wtr carrying 49,600# BASF 20/40 sd, coated w/Expedite Lite. Max sd conc 4 ppg, ISIP 2,805 psig, 5" SIP 2,666 psig. Used 558,000 mscf of N2, 536 BLW ( stg 8). RIH set CBP @ 4,620'. POH & LD setting tl. RDMO HES & WLU. SWI & SDFN. 4,855 BLWTR ttl. Rpts suspd until further activity.

- 6/6/08 SICIP 200 psig. MIRU Temples WS #2 . Bd well. ND frac vlv. NU BOP . PU & TIH w/4-3/4" hurricane mill, safety sub , BRS, 2 3/8" SN & 144 jts 2-3/8", L-80, 4.7#, EUE, 8rd tbg. EOT @4610'. SWI & SDFN. 4855 BLWTR.
- 6/7/08 SITP 0 psig, SICIP 0 psig. Cont to TIH, tgd CBP @ 4,620'. Estb circ w/rig pmp. DO CBP @ 4,620'. DO CBP's w/well energy @ 5,270' (CO 120' sd abv plg), 5,900', ( CO 35' sd abv plg), 7,360', (CO 50' sd abv plg), 7,530' ( CO 66' sd abv plg), 7,850', (CO 60' sd abv plg), 8,790', (CO 28' sd abv plg), 9,005', ( CO 22' sd abv plg ). Contd TIH & CO 38' of fill to PBTD @ 9,170'. Circ well cln. TOH & LD 11 jts of tbg. Ld 277 jts of 2-3/8", 4.7#, L-80, EUE, 8rd tbg on hgr. EOT @ 8,840', SN @ 8,838'. CW/MV perms fr/4,764' - 9,122'. SWI & SDFWE. 4,855 BLWTR.
- 6/10/08 SITP 0 psig. SICIP 2700 psig. RU swb tls. RIH w/XTO's 1.90" tbg broach to SN @ 8837' (no ti spts). POH & LD broach. ND BOP. NU WH. Dropd ball & ppd off BRS w/1800 psig. Tbg KO flwg. RDMO Temples WS #2. Recd 980 BLW during CO. 3875 BLWTR 12:00 p.m. Turn well over to flow back crew.
- 6/11/08 FTP 1,225 psig, SICIP 2,325 psig. F. 0 BO, 365 BLW, 24 hrs, FTP 1,225 psig - 1,200 psig, SICIP 2,325 psig - 2,200 psig, 18/64" ck. Rets of sd, gas, wtr. 3,163 BLWTR. MV perf fr/4,764' - 9,122'.

Flow	Zone:	MV		
Event Desc:	FLOW BACK		Top Interval: 4,704	Bottom Interval: 9,122
	Avg	Choke	BBLS	
Time	Press	Size	Rec	Comments
12:00:00 AM	0		0	
6:00:00 AM	2,325	18/64	18	Tr sd, wtr & gas.
7:00:00 AM	2,325	18/64	18	Tr sd, wtr & gas.
8:00:00 AM	2,325	18/64	18	Tr sd, wtr & gas.
9:00:00 AM	2,325	18/64	17	Tr sd, wtr & gas.
10:00:00 AM	2,325	18/64	14	Tr sd, wtr & gas.
11:00:00 AM	2,325	18/64	15	Tr sd, wtr & gas.
12:00:00 PM	2,325	18/64	11	Tr sd, wtr & gas.
1:00:00 PM	2,325	18/64	13	Tr sd, wtr & gas.
2:00:00 PM	2,400	18/64	13	Tr sd, wtr & gas.
3:00:00 PM	2,400	18/64	0	Tr sd, wtr & gas.
4:00:00 PM	2,400	18/64	15	Tr sd, wtr & gas.
5:00:00 PM	2,325	18/64	10	Tr sd, wtr & gas.
6:00:00 PM	2,325	18/64	19	Tr sd, wtr & gas.
7:00:00 PM	2,325	18/64	17	Tr sd, wtr & gas.
8:00:00 PM	2,325	18/64	16	Tr sd, wtr & gas.
9:00:00 PM	2,325	18/64	18	Tr sd, wtr & gas.
10:00:00 PM	2,325	18/64	18	Tr sd, wtr & gas.
11:00:00 PM	2,200	18/64	16	Tr sd, wtr & gas.
12:00:00 AM	2,200	18/64	13	Tr sd, wtr & gas.
1:00:00 AM	2,200	18/64	18	Tr sd, wtr & gas.
2:00:00 AM	2,200	18/64	18	Tr sd, wtr & gas.
3:00:00 AM	2,200	18/64	15	Tr sd, wtr & gas.
4:00:00 AM	2,200	18/64	18	Tr sd, wtr & gas.
5:00:00 AM	2,200	18/64	17	Tr sd, wtr & gas.
<b>Ttl Bbls:</b>			<b>365</b>	

- 6/14/08 FTP 1,100 psig, SICIP 1,650 psig. F. 0 BO, 334 BLW, 24 hrs, FTP 1,100 psig - 1,050 psig, SICIP 1,650 psig - 1,550 psig, 18/64" ck. Rets of sd, gas, wtr. 2,091 BLWTR. MV perf fr/4,764' - 9,122'.

Flow	Zone:	MV			Top Interval: 4,704	Bottom Interval: 9,122
	Event Desc:	FLOW BACK				
		Avg	Choke	BBLs		
	Time	Press	Size	Rec	Comments	
	6:00:00 AM	1,650	18/64	13	Lt sd, wtr, & gas.	
	7:00:00 AM	1,625	18/64	13	Lt sd, wtr, & gas.	
	8:00:00 AM	1,625	18/64	13	Lt sd, wtr, & gas.	
	9:00:00 AM	1,600	18/64	13	Lt sd, wtr, & gas.	
	10:00:00 AM	1,600	18/64	13	Lt sd, wtr, & gas.	
	11:00:00 AM	1,600	18/64	13	Lt sd, wtr, & gas.	
	12:00:00 PM	1,600	18/64	13	Lt sd, wtr, & gas.	
	1:00:00 PM	1,600	18/64	18	Lt sd, wtr, & gas.	
	2:00:00 PM	1,600	18/64	13	Lt sd, wtr, & gas.	
	3:00:00 PM	1,600	18/64	18	Lt sd, wtr, & gas.	
	4:00:00 PM	1,600	18/64	9	Lt sd, wtr, & gas.	
	5:00:00 PM	1,600	18/64	13	Lt sd, wtr, & gas.	
	6:00:00 PM	1,600	18/64	18	Lt sd, wtr, & gas.	
	7:00:00 PM	1,600	18/64	13	Lt sd, wtr, & gas.	
	8:00:00 PM	1,600	18/64	18	Lt sd, wtr, & gas.	
	9:00:00 PM	1,600	18/64	18	Lt sd, wtr, & gas.	
	10:00:00 PM	1,600	18/64	13	Lt sd, wtr, & gas.	
	11:00:00 PM	1,600	18/64	18	Lt sd, wtr, & gas.	
	12:00:00 AM	1,600	18/64	13	Lt sd, wtr, & gas.	
	1:00:00 AM	1,575	18/64	13	Lt sd, wtr, & gas.	
	2:00:00 AM	1,550	18/64	13	Lt sd, wtr, & gas.	
	3:00:00 AM	1,550	18/64	13	Lt sd, wtr, & gas.	
	4:00:00 AM	1,550	18/64	13	Lt sd, wtr, & gas.	
	5:00:00 AM	1,550	18/64	9	Lt sd, wtr, & gas.	
				<b>Ttl Bbls:</b>	334	

6/15/08 FTP 1,100 psig, SICP 1,550 psig. F. 0 BO, 295 BLW, 24 hrs, FTP 1,100 psig - 1,050 psig, SICP 1,550 psig - 1,500 psig, 18/64" ck. Rets of sd, gas, wtr. 1,796 BLWTR. MV perf fr/4,764' - 9,122'.

Flow	Zone:	MV			Top Interval: 4,704	Bottom Interval: 9,122
	Event Desc:	FLOW BACK				
		Avg	Choke	BBLs		
	Time	Press	Size	Rec	Comments	
	6:00:00 AM	1,550	18/64	13	Lt sd, wtr, & gas.	
	7:00:00 AM	1,550	18/64	14	Lt sd, wtr, & gas.	
	8:00:00 AM	1,550	18/64	10	Lt sd, wtr, & gas.	
	9:00:00 AM	1,550	18/64	11	Lt sd, wtr, & gas.	
	10:00:00 AM	1,525	18/64	13	Lt sd, wtr, & gas.	
	11:00:00 AM	1,525	18/64	9	Lt sd, wtr, & gas.	
	12:00:00 PM	1,525	18/64	10	Lt sd, wtr, & gas.	
	1:00:00 PM	1,550	18/64	14	Lt sd, wtr, & gas.	
	2:00:00 PM	1,550	18/64	11	Lt sd, wtr, & gas.	
	3:00:00 PM	1,550	18/64	18	Lt sd, wtr, & gas.	
	4:00:00 PM	1,550	18/64	12	Lt sd, wtr, & gas.	
	5:00:00 PM	1,525	18/64	13	Lt sd, wtr, & gas.	
	6:00:00 PM	1,550	18/64	9	Lt sd, wtr, & gas.	
	7:00:00 PM	1,525	18/64	8	Lt sd, wtr, & gas.	
	8:00:00 PM	1,500	18/64	9	Lt sd, wtr, & gas.	

9:00:00 PM	1,500	18/64	10	Lt sd, wtr, & gas.
10:00:00 PM	1,525	18/64	16	Lt sd, wtr, & gas.
11:00:00 PM	1,500	18/64	15	Lt sd, wtr, & gas.
12:00:00 AM	1,500	18/64	13	Lt sd, wtr, & gas.
1:00:00 AM	1,500	18/64	18	Lt sd, wtr, & gas.
2:00:00 AM	1,500	18/64	17	Lt sd, wtr, & gas.
3:00:00 AM	1,500	18/64	11	Lt sd, wtr, & gas.
4:00:00 AM	1,500	18/64	12	Lt sd, wtr, & gas.
5:00:00 AM	1,500	18/64	9	Lt sd, wtr, & gas.

Ttl Bbls: 295

6/16/08 FTP 1,050 psig, SICP 1,500 psig. F. 0 BO, 283 BLW, 24 hrs, FTP 1,050 psig - 1,000 psig, SICP 1,500 psig - 1,450 psig, 18/64" ck. Rets of sd, gas, wtr. 1,513 BLWTR. MV perf fr/4,764' - 9,122'.

Flow Zone: MV  
 Event Desc: FLOW BACK Top Interval: 4,704 Bottom Interval: 9,122

	Avg	Choke	BBLs	
Time	Press	Size	Rec	Comments
6:00:00 AM	1,500	18/64	11	Lt sd, wtr, & gas.
7:00:00 AM	1,500	18/64	10	Lt sd, wtr, & gas.
8:00:00 AM	1,500	18/64	12	Lt sd, wtr, & gas.
9:00:00 AM	1,500	18/64	13	Lt sd, wtr, & gas.
10:00:00 AM	1,500	18/64	12	Lt sd, wtr, & gas.
11:00:00 AM	1,500	18/64	10	Lt sd, wtr, & gas.
12:00:00 PM	1,500	18/64	11	Lt sd, wtr, & gas.
1:00:00 PM	1,500	18/64	12	Lt sd, wtr, & gas.
2:00:00 PM	1,500	18/64	10	Lt sd, wtr, & gas.
3:00:00 PM	1,500	18/64	11	Lt sd, wtr, & gas.
4:00:00 PM	1,475	18/64	13	Lt sd, wtr, & gas.
5:00:00 PM	1,475	18/64	12	Lt sd, wtr, & gas.
6:00:00 PM	1,475	18/64	11	Lt sd, wtr, & gas.
7:00:00 PM	1,475	18/64	11	Lt sd, wtr, & gas.
8:00:00 PM	1,475	18/64	13	Lt sd, wtr, & gas.
9:00:00 PM	1,475	18/64	12	Lt sd, wtr, & gas.
10:00:00 PM	1,475	18/64	11	Lt sd, wtr, & gas.
11:00:00 PM	1,425	18/64	13	Lt sd, wtr, & gas.
12:00:00 AM	1,425	18/64	11	Lt sd, wtr, & gas.
1:00:00 AM	1,425	18/64	13	Lt sd, wtr, & gas.
2:00:00 AM	1,450	18/64	14	Lt sd, wtr, & gas.
3:00:00 AM	1,450	18/64	12	Lt sd, wtr, & gas.
4:00:00 AM	1,450	18/64	13	Lt sd, wtr, & gas.
5:00:00 AM	1,450	18/64	12	Lt sd, wtr, & gas.

Ttl Bbls: 283

6/17/08 FTP 0 psig, SICP 0 psig. F. 0 BO, 172 BLW, 17 hrs, FTP 0 psig - 1,000 psig, SICP 1,850 psig - 1,450 psig, 18/64" ck. Rets of sd, gas, wtr. 1,513 BLWTR. MV perf fr/4,764' - 9,122'. Note: Well SI for 7 hrs due to fire in the pit tk.

Flow Zone: MV  
 Event Desc: FLOW BACK Top Interval: 4,704 Bottom Interval: 9,122

	Avg	Choke	BBLs	
Time	Press	Size	Rec	Comments
2:00:00 PM	250	18/64	14	Lt sd, wtr, & gas.

3:00:00 PM	200	18/64	15	Lt sd, wtr, & gas.
4:00:00 PM	700	18/64	13	Lt sd, wtr, & gas.
5:00:00 PM	1,000	18/64	9	Lt sd, wtr, & gas.
6:00:00 PM	1,150	18/64	9	Lt sd, wtr, & gas.
7:00:00 PM	1,200	18/64	13	Lt sd, wtr, & gas.
8:00:00 PM	1,150	18/64	12	Lt sd, wtr, & gas.
9:00:00 PM	1,200	18/64	10	Lt sd, wtr, & gas.
10:00:00 PM	1,100	18/64	8	Lt sd, wtr, & gas.
11:00:00 PM	1,050	18/64	11	Lt sd, wtr, & gas.
12:00:00 AM	1,050	18/64	9	Lt sd, wtr, & gas.
1:00:00 AM	1,000	18/64	14	Lt sd, wtr, & gas.
2:00:00 AM	1,000	18/64	8	Lt sd, wtr, & gas.
3:00:00 AM	1,050	18/64	9	Lt sd, wtr, & gas.
4:00:00 AM	1,000	18/64	10	Lt sd, wtr, & gas.
5:00:00 AM	1,000	18/64	8	Lt sd, wtr, & gas.

Ttl Bbls: 172

6/18/08 FTP 1,000 psig, SICP 1,450 psig. F. 0 BO, 282 BLW, 24 hrs, FTP 1,000 psig - 950 psig, SICP 1,450 psig - 1,400 psig, 18/64" ck. Rets of lt sd, gas, wtr. 1,231 BLWTR. MV perf fr/4,764' - 9,122'.

Flow

Zone: MV

Event Desc: FLOW BACK

Top Interval: 4,704

Bottom Interval: 9,122

	Avg	Choke	BBLs	
Time	Press	Size	Rec	Comments
6:00:00 AM	1,450	18/64	11	Lt sd, wtr, & gas.
7:00:00 AM	1,450	18/64	12	Lt sd, wtr, & gas.
8:00:00 AM	1,450	18/64	11	Lt sd, wtr, & gas.
9:00:00 AM	1,450	18/64	8	Lt sd, wtr, & gas.
10:00:00 AM	1,450	18/64	9	Lt sd, wtr, & gas.
11:00:00 AM	1,450	18/64	11	Lt sd, wtr, & gas.
12:00:00 PM	1,450	18/64	13	Lt sd, wtr, & gas.
1:00:00 PM	1,450	18/64	14	Lt sd, wtr, & gas.
2:00:00 PM	1,450	18/64	12	Lt sd, wtr, & gas.
3:00:00 PM	1,450	18/64	14	Lt sd, wtr, & gas.
4:00:00 PM	1,450	18/64	13	Lt sd, wtr, & gas.
5:00:00 PM	1,400	18/64	9	Lt sd, wtr, & gas.
6:00:00 PM	1,400	18/64	11	Lt sd, wtr, & gas.
7:00:00 PM	1,400	18/64	13	Lt sd, wtr, & gas.
8:00:00 PM	1,400	18/64	11	Lt sd, wtr, & gas.
9:00:00 PM	1,400	18/64	10	Lt sd, wtr, & gas.
10:00:00 PM	1,400	18/64	13	Lt sd, wtr, & gas.
11:00:00 PM	1,400	18/64	14	Lt sd, wtr, & gas.
12:00:00 AM	1,400	18/64	8	Lt sd, wtr, & gas.
1:00:00 AM	1,400	18/64	14	Lt sd, wtr, & gas.
2:00:00 AM	1,400	18/64	12	Lt sd, wtr, & gas.
3:00:00 AM	1,400	18/64	14	Lt sd, wtr, & gas.
4:00:00 AM	1,400	18/64	13	Lt sd, wtr, & gas.
5:00:00 AM	1,400	18/64	12	Lt sd, wtr, & gas.

Ttl Bbls: 282

6/19/08 FTP 1,000 psig, SICP 1,400 psig. F. 0 BO, 263 BLW, 24 hrs, FTP 1,000 psig - 1,000 psig, SICP 1,400 psig - 1,400 psig, 18/64" ck. Rets of sd, gas, wtr. 968 BLWTR. MV perf fr/4,764' - 9,122'.

Flow	Zone:	MV			Top Interval: 4,704	Bottom Interval: 9,122
	Event Desc:	FLOW BACK				
		Avg	Choke	BBLs		
	Time	Press	Size	Rec	Comments	
	6:00:00 AM	1,400	18/64	15	Tr sd, wtr, & gas.	
	7:00:00 AM	1,400	18/64	14	Tr sd, wtr, & gas.	
	8:00:00 AM	1,400	18/64	13	Tr sd, wtr, & gas.	
	9:00:00 AM	1,400	18/64	9	Tr sd, wtr, & gas.	
	10:00:00 AM	1,400	18/64	11	Tr sd, wtr, & gas.	
	11:00:00 AM	1,400	18/64	10	Tr sd, wtr, & gas.	
	12:00:00 PM	1,400	18/64	8	Tr sd, wtr, & gas.	
	1:00:00 PM	1,400	18/64	10	Tr sd, wtr, & gas.	
	2:00:00 PM	1,400	18/64	8	Tr sd, wtr, & gas.	
	3:00:00 PM	1,400	18/64	13	Tr sd, wtr, & gas.	
	4:00:00 PM	1,400	18/64	8	Tr sd, wtr, & gas.	
	5:00:00 PM	1,400	18/64	11	Tr sd, wtr, & gas.	
	6:00:00 PM	1,400	18/64	13	Tr sd, wtr, & gas.	
	7:00:00 PM	1,400	18/64	9	Tr sd, wtr, & gas.	
	8:00:00 PM	1,400	18/64	11	Tr sd, wtr, & gas.	
	9:00:00 PM	1,400	18/64	10	Tr sd, wtr, & gas.	
	10:00:00 PM	1,400	18/64	8	Tr sd, wtr, & gas.	
	11:00:00 PM	1,400	18/64	12	Tr sd, wtr, & gas.	
	12:00:00 AM	1,400	18/64	14	Tr sd, wtr, & gas.	
	1:00:00 AM	1,400	18/64	10	Tr sd, wtr, & gas.	
	2:00:00 AM	1,400	18/64	13	Tr sd, wtr, & gas.	
	3:00:00 AM	1,400	18/64	10	Tr sd, wtr, & gas.	
	4:00:00 AM	1,400	18/64	11	Tr sd, wtr, & gas.	
	5:00:00 AM	1,400	18/64	10	Tr sd, wtr, & gas.	
				<b>Ttl Bbls:</b>	261	

6/20/08 FTP 1,000 psig, SICP 1,400 psig. F. 0 BO, 82 BLW, 7 hrs, FTP 1,000 psig - 1,000 psig, SICP 1,400 psig - 1,400 psig, 18/64" ck. Rets of sd, gas, wtr. 886 BLWTR. MV perf fr/4,764' - 9,122'. Turned well to sales. Released flow bk crew. Cont rpt for XTO Little Canyon Unit 1-2H, to D&C WA/MV well. FTP 1100 psig. SICP 1,500 psig on 18/64 ck. OWU @ 12:25 p.m., 6-19-08. Delv first gas sales to Questar Gas Management via XTO Waynes Check CDP. IFR 1,200 MCFPD.

Flow	Zone:	MV			Top Interval: 4,704	Bottom Interval: 9,122
	Event Desc:	FLOW BACK				
		Avg	Choke	BBLs		
	Time	Press	Size	Rec	Comments	
	6:00:00 AM	1,400	18/64	10	Tr sd, wtr, & gas.	
	7:00:00 AM	1,400	18/64	12	Tr sd, wtr, & gas.	
	8:00:00 AM	1,400	18/64	10	Tr sd, wtr, & gas.	
	9:00:00 AM	1,400	18/64	8	Tr sd, wtr, & gas.	
	10:00:00 AM	1,400	18/64	10	Tr sd, wtr, & gas.	
	11:00:00 AM	1,400	18/64	9	Tr sd, wtr, & gas.	
	12:00:00 PM	1,400	18/64	12	Tr sd, wtr, & gas.	
	1:00:00 PM	1,400	18/64	11	Tr sd, wtr, & gas.	
				<b>Ttl Bbls:</b>	82	

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

5. LEASE DESIGNATION AND SERIAL NUMBER:  
ML 48771

**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.

6. IF INDIAN, ALLOTTEE OR TRIBE NAME:  
N/A

7. UNIT or CA AGREEMENT NAME:  
Little Canyon Unit (81878 X)

1. TYPE OF WELL  
OIL WELL  GAS WELL  OTHER \_\_\_\_\_

8. WELL NAME and NUMBER:  
LCU 1-2H

2. NAME OF OPERATOR:  
XTO Energy, Inc.

9. API NUMBER:  
4304738027

3. ADDRESS OF OPERATOR:  
P.O. Box 1360 CITY Roosevelt STATE UT ZIP 84066

PHONE NUMBER:  
(435) 722-4521

10. FIELD AND POOL, OR WLD CAT:  
Natural Buttes

4. LOCATION OF WELL  
FOOTAGES AT SURFACE: 874' FNL & 445' FEL  
QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN: NENE 2 11S 20E S

COUNTY: Uintah

STATE: UTAH

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

TYPE OF SUBMISSION	TYPE OF ACTION		
<input 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 checked="" type="checkbox"/> RECLAMATION OF WELL SITE	<input type="checkbox"/> OTHER: <u>Interim reclamation</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.

Reclaim reserve pit & reseed as per APD on 7/7/08, by Jackson Construction

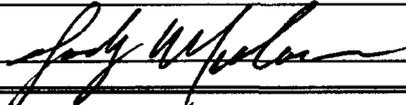
RECEIVED

7/29/2008

OIL & GAS & MINING

NAME (PLEASE PRINT) Jody Mecham

TITLE Construction Coordinator

SIGNATURE 

DATE 7/29/2008

(This space for State use only)

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENT

FORM APPROVED  
OMB NO. 1004-0137  
Expires July 31, 2010

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

**SUBMIT IN TRIPLICATE - Other instructions on page 2**

1. Type of Well  
 Oil Well  Gas Well  Other

2. Name of Operator  
**XTO Energy Inc.**

3a. Address  
**382 CR 3100 Aztec, NM 87410**

3b. Phone No. (include area code)  
**505-333-3100**

4. Location of Well (Footage, Sec., T., R., M., or Survey Description)  
**874' FNL & 445' FEL NENE SEC 2-T11S-R20E**

5. Lease Serial No.  
**ML-48771**

6. If Indian, Allottee or Tribe Name

7. If Unit or CA/Agreement, Name and/or No.  
**LITTLE CANYON UNIT**

8. Well Name and No.  
**LCU 1-2H**

9. API Well No.  
**43-047-38027**

10. Field and Pool, or Exploratory Area  
**NATURAL BUTTES  
MESA VERDE**

11. County or Parish, State  
**UTAH** **UTAH**

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

TYPE OF SUBMISSION	TYPE OF ACTION			
<input type="checkbox"/> Notice of Intent	<input type="checkbox"/> Acidize	<input type="checkbox"/> Deepen	<input type="checkbox"/> Production (Start/Resume)	<input type="checkbox"/> Water Shut-Off
<input checked="" type="checkbox"/> Subsequent Report	<input type="checkbox"/> Alter Casing	<input type="checkbox"/> Fracture Treat	<input type="checkbox"/> Reclamation	<input type="checkbox"/> Well Integrity
<input type="checkbox"/> Final Abandonment Notice	<input type="checkbox"/> Casing Repair	<input type="checkbox"/> New Construction	<input type="checkbox"/> Recomplete	<input checked="" type="checkbox"/> Other <u>JULY 2008</u>
	<input type="checkbox"/> Change Plans	<input type="checkbox"/> Plug and Abandon	<input type="checkbox"/> Temporarily Abandon	<u>MONTHLY REPORT</u>
	<input type="checkbox"/> Convert to Injection	<input type="checkbox"/> Plug Back	<input type="checkbox"/> Water Disposal	

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

Attached is XTO Energy's monthly report for the period of 07/01/200/ thru 07/31/2008.

RECEIVED  
AUG 11 2008  
DIV. OF OIL, GAS & MINING

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

Name (Printed/Typed) **WANETT MCCAULEY** Title **FILE CLERK**

Signature *Wanett McCawley* Date **08/04/2008**

THIS SPACE FOR FEDERAL OR STATE OFFICE USE

Approved by \_\_\_\_\_ Title \_\_\_\_\_ Date \_\_\_\_\_

Office \_\_\_\_\_

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

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

**BOGEM COPY**

**Farmington Well Workover Report**

<b>LITTLE CANYON UNIT</b>	<b>Well # 001-02H</b>	<b>MV</b>
---------------------------	-----------------------	-----------

**Objective:** Drill & Complete

**First Report:** 10/22/2007

**AFE:** 715755

**7/7/08** MIRU Jackson Const Service. Fence rmvd 6/19/08. Pit reclaimed 7/7/08. RDMO Jackson Constuction. Susp rpts pending further activity.

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

FORM 9

<b>SUNDRY NOTICES AND REPORTS ON WELLS</b>		5. LEASE DESIGNATION AND SERIAL NUMBER: <b>ML-48771</b>
Do not use this form for proposals to drill new wells, significantly deepen existing wells below current bottom-hole depth, reenter plugged wells, or to drill horizontal laterals. Use APPLICATION FOR PERMIT TO DRILL form for such proposals.		6. IF INDIAN, ALLOTTEE OR TRIBE NAME:
		7. UNIT or CA AGREEMENT NAME: <b>LITTLE CANYON UNIT</b>
1. TYPE OF WELL OIL WELL <input type="checkbox"/> GAS WELL <input checked="" type="checkbox"/> OTHER _____		8. WELL NAME and NUMBER: <b>LCU 1-2H</b>
2. NAME OF OPERATOR: <b>XTO ENERGY INC.</b>		9. API NUMBER: <b>4304738027</b>
3. ADDRESS OF OPERATOR: <b>382 CR 3100</b> CITY <b>AZTEC</b> STATE <b>NM</b> ZIP <b>87410</b>	PHONE NUMBER: <b>(505) 333-3100</b>	10. FIELD AND POOL, OR WILDCAT: <b>NATURAL BUTTES / MV</b>
4. LOCATION OF WELL FOOTAGES AT SURFACE: <b>874' FNL &amp; 445' FEL</b>		COUNTY: <b>UINTAH</b>
QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN: <b>NENE 2 11S 20E S</b>		STATE: <b>UTAH</b>

11. CHECK APPROPRIATE BOXES TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA			
TYPE OF SUBMISSION	TYPE OF ACTION		
<input type="checkbox"/> NOTICE OF INTENT (Submit in Duplicate) Approximate date work will start: _____	<input type="checkbox"/> ACIDIZE	<input type="checkbox"/> DEEPEN	<input type="checkbox"/> REPERFORATE CURRENT FORMATION
	<input type="checkbox"/> ALTER CASING	<input type="checkbox"/> FRACTURE TREAT	<input type="checkbox"/> SIDETRACK TO REPAIR WELL
<input checked="" type="checkbox"/> SUBSEQUENT REPORT (Submit Original Form Only) Date of work completion: <b>8/31/2008</b>	<input type="checkbox"/> CASING REPAIR	<input type="checkbox"/> NEW CONSTRUCTION	<input type="checkbox"/> TEMPORARILY ABANDON
	<input type="checkbox"/> CHANGE TO PREVIOUS PLANS	<input type="checkbox"/> OPERATOR CHANGE	<input type="checkbox"/> TUBING REPAIR
	<input type="checkbox"/> CHANGE TUBING	<input type="checkbox"/> PLUG AND ABANDON	<input type="checkbox"/> VENT OR FLARE
	<input type="checkbox"/> CHANGE WELL NAME	<input type="checkbox"/> PLUG BACK	<input type="checkbox"/> WATER DISPOSAL
	<input type="checkbox"/> CHANGE WELL STATUS	<input type="checkbox"/> PRODUCTION (START/RESUME)	<input type="checkbox"/> WATER SHUT-OFF
	<input type="checkbox"/> COMMINGLE PRODUCING FORMATIONS	<input type="checkbox"/> RECLAMATION OF WELL SITE	<input checked="" type="checkbox"/> OTHER: <b>AUGUST 08</b>
	<input type="checkbox"/> CONVERT WELL TYPE	<input type="checkbox"/> RECOMPLETE - DIFFERENT FORMATION	<b>MONTHLY REPORT</b>

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

XTO Energy has nothing to report on this well for the period of 8/01/2008 thru 8/31/2008.

NAME (PLEASE PRINT) <b>JENNIFER M. HEMBRY</b>	TITLE <b>FILE CLERK</b>
SIGNATURE <i>Jennifer M. Hembry</i>	DATE <b>9/3/2008</b>

(This space for State use only)

**RECEIVED**  
**SEP 08 2008**  
**DIV. OF OIL, GAS & MINING**

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

AMENDED REPORT  FORM 8  
(highlight changes)

**WELL COMPLETION OR RECOMPLETION REPORT AND LOG**

1a. TYPE OF WELL: OIL WELL <input type="checkbox"/> GAS WELL <input checked="" type="checkbox"/> DRY <input type="checkbox"/> OTHER _____		7. UNIT or CA AGREEMENT NAME <b>LITTLE CANYON UNIT</b>	
b. TYPE OF WORK: NEW WELL <input checked="" type="checkbox"/> HORIZ. LATS. <input type="checkbox"/> DEEP-EN <input type="checkbox"/> RE-ENTRY <input type="checkbox"/> DIFF. RESVR. <input type="checkbox"/> OTHER _____		8. WELL NAME and NUMBER: <b>LCU #1-2H</b>	
2. NAME OF OPERATOR: <b>XTO Energy Inc.</b>		9. API NUMBER: <b>4304738027</b>	
3. ADDRESS OF OPERATOR: <b>382 CR 3100</b> CITY <b>AZTEC</b> STATE <b>NM</b> ZIP <b>87410</b>		10 FIELD AND POOL, OR WLDCAT <b>HILL CREEK MESAVERDE</b>	
4. LOCATION OF WELL (FOOTAGES) AT SURFACE: <b>874' FNL &amp; 445' FEL</b>  AT TOP PRODUCING INTERVAL REPORTED BELOW:  AT TOTAL DEPTH: <b>SAME</b>		11. QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN: <b>NENE 2 11S 20E</b>	
		12. COUNTY <b>UINTAH</b>	13. STATE <b>UTAH</b>

14. DATE SPUDDED: <b>11/12/2007</b>	15. DATE T.D. REACHED: <b>3/23/2008</b>	16. DATE COMPLETED: <b>6/19/2008</b>	ABANDONED <input type="checkbox"/> READY TO PRODUCE <input checked="" type="checkbox"/>	17. ELEVATIONS (DF, RKB, RT, GL): <b>5388'</b>
18. TOTAL DEPTH: MD <b>6,214</b> TVD	19. PLUG BACK T.D.: MD <b>9,170</b> TVD	20. IF MULTIPLE COMPLETIONS, HOW MANY? *		21. DEPTH BRIDGE MD PLUG SET: TVD
22. TYPE ELECTRIC AND OTHER MECHANICAL LOGS RUN (Submit copy of each) <b>CBL, GR, CP, CV, Pex, TD, LD, CN, HRLA</b>			23. WAS WELL CORED? NO <input checked="" type="checkbox"/> YES <input type="checkbox"/> (Submit analysis) WAS DST RUN? NO <input checked="" type="checkbox"/> YES <input type="checkbox"/> (Submit report) DIRECTIONAL SURVEY? NO <input checked="" type="checkbox"/> YES <input type="checkbox"/> (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"	9 5/8 J55	36#		2,174		PL 550		SURF	
7 7/8"	5 1/2 I-80	17#		9,188		V 1,265		1000'	

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"	8,840							

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	4,764	9,122			4,764 9,122	0.36"	249	Open <input checked="" type="checkbox"/>	Squeezed <input type="checkbox"/>
(B)								Open <input type="checkbox"/>	Squeezed <input type="checkbox"/>
(C)								Open <input type="checkbox"/>	Squeezed <input type="checkbox"/>
(D)								Open <input type="checkbox"/>	Squeezed <input type="checkbox"/>

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

DEPTH INTERVAL	AMOUNT AND TYPE OF MATERIAL
4764' - 9122'	A. w/5,100 gals of 7-1/2% NEFE HCl acid. Spearhead 3,000 gals of 7-1/2% HCl. Frac'd w/212,665 gals wtr, 70Q N2 foam gelled fld 2% KCl wtr carrying 431,000# BASF 20/40 sd, coated w/Expedite Lite.

29. ENCLOSED ATTACHMENTS:	30. WELL STATUS:
<input type="checkbox"/> ELECTRICAL/MECHANICAL LOGS <input type="checkbox"/> SUNDRY NOTICE FOR PLUGGING AND CEMENT VERIFICATION <input type="checkbox"/> GEOLOGIC REPORT <input type="checkbox"/> CORE ANALYSIS <input type="checkbox"/> DST REPORT <input type="checkbox"/> OTHER: _____ <input type="checkbox"/> DIRECTIONAL SURVEY	<b>PROD</b>

**31. INITIAL PRODUCTION**

**INTERVAL A (As shown in item #26)**

DATE FIRST PRODUCED: <b>6/19/2008</b>		TEST DATE: <b>6/19/2008</b>		HOURS TESTED: <b>24</b>		TEST PRODUCTION RATES: →	OIL – BBL: <b>0</b>	GAS – MCF: <b>1,200</b>	WATER – BBL: <b>886</b>	PROD. METHOD: <b>FLOWING</b>
CHOKE SIZE: <b>18/64</b>	TBG. PRESS. <b>1,000</b>	CSG. PRESS. <b>1,400</b>	API GRAVITY	BTU – GAS	GAS/OIL RATIO	24 HR PRODUCTION RATES: →	OIL – BBL: <b>0</b>	GAS – MCF: <b>1,200</b>	WATER – BBL: <b>886</b>	INTERVAL STATUS: <b>PRODUCING</b>

**INTERVAL B (As shown in item #26)**

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

**INTERVAL C (As shown in item #26)**

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

**INTERVAL D (As shown in item #26)**

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

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

**TO BE SOLD**

**33. SUMMARY OF POROUS ZONES (Include Aquifers):**

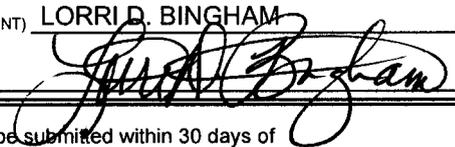
Show all important zones of porosity and contents thereof: Cored intervals and all drill-stem tests, including depth interval tested, cushion used, time tool open, flowing and shut-in pressures and recoveries.

**34. FORMATION (Log) MARKERS:**

Formation	Top (MD)	Bottom (MD)	Descriptions, Contents, etc.	Name	Top (Measured Depth)
				GREEN RIVER	960
				MAHOGENY BENCH	1,758
				WASATCH TONGUE	3,719
				UTELAND LIMESTONE	4,048
				WASATCH	4,190
				CHAPITA WELLS	5,081
				UTELAND BUTTE	6,134
				MESAVERDE	6,871

**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) LORRI D. BINGHAM TITLE REGULATORY COMPLIANCE TECH  
 SIGNATURE  DATE 9/2/2008

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 Phone: 801-538-5340  
 1594 West North Temple, Suite 1210  
 Box 145801 Fax: 801-359-3940  
 Salt Lake City, Utah 84114-5801

<b>STATE OF UTAH</b> DEPARTMENT OF NATURAL RESOURCES DIVISION OF OIL, GAS, AND MINING	<b>FORM 9</b>
<b>SUNDRY NOTICES AND REPORTS ON WELLS</b>  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.	<b>5. LEASE DESIGNATION AND SERIAL NUMBER:</b> ML-48771
	<b>6. IF INDIAN, ALLOTTEE OR TRIBE NAME:</b>  _____
	<b>7. UNIT or CA AGREEMENT NAME:</b> LITTLE CANYON
<b>1. TYPE OF WELL</b> Gas Well	<b>8. WELL NAME and NUMBER:</b> LCU 1-2H
<b>2. NAME OF OPERATOR:</b> XTO ENERGY INC	<b>9. API NUMBER:</b> 43047380270000
<b>3. ADDRESS OF OPERATOR:</b> 382 Road 3100 , Aztec, NM, 87410	<b>PHONE NUMBER:</b> 505 333-3159 Ext
<b>4. LOCATION OF WELL</b> <b>FOOTAGES AT SURFACE:</b> 0874 FNL 0445 FEL <b>QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN:</b> Qtr/Qtr: NENE Section: 02 Township: 11.0S Range: 20.0E Meridian: S	<b>9. FIELD and POOL or WILDCAT:</b> NATURAL BUTTES
	<b>COUNTY:</b> UINTAH
	<b>STATE:</b> UTAH

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

TYPE OF SUBMISSION	TYPE OF ACTION		
<input checked="" type="checkbox"/> <b>NOTICE OF INTENT</b> Approximate date work will start: 10/1/2009	<input type="checkbox"/> ACIDIZE	<input type="checkbox"/> ALTER CASING	<input type="checkbox"/> CASING REPAIR
<input type="checkbox"/> <b>SUBSEQUENT REPORT</b> Date of Work Completion:	<input type="checkbox"/> CHANGE TO PREVIOUS PLANS	<input type="checkbox"/> CHANGE TUBING	<input type="checkbox"/> CHANGE WELL NAME
<input type="checkbox"/> <b>SPUD REPORT</b> Date of Spud:	<input type="checkbox"/> CHANGE WELL STATUS	<input type="checkbox"/> COMMINGLE PRODUCING FORMATIONS	<input type="checkbox"/> CONVERT WELL TYPE
<input type="checkbox"/> <b>DRILLING REPORT</b> Report Date:	<input type="checkbox"/> DEEPEN	<input type="checkbox"/> FRACTURE TREAT	<input type="checkbox"/> NEW CONSTRUCTION
	<input type="checkbox"/> OPERATOR CHANGE	<input type="checkbox"/> PLUG AND ABANDON	<input type="checkbox"/> PLUG BACK
	<input type="checkbox"/> PRODUCTION START OR RESUME	<input type="checkbox"/> RECLAMATION OF WELL SITE	<input type="checkbox"/> RECOMPLETE DIFFERENT FORMATION
	<input type="checkbox"/> REPERFORATE CURRENT FORMATION	<input type="checkbox"/> SIDETRACK TO REPAIR WELL	<input type="checkbox"/> TEMPORARY ABANDON
	<input type="checkbox"/> TUBING REPAIR	<input type="checkbox"/> VENT OR FLARE	<input type="checkbox"/> WATER DISPOSAL
	<input type="checkbox"/> WATER SHUTOFF	<input type="checkbox"/> SI TA STATUS EXTENSION	<input type="checkbox"/> APD EXTENSION
	<input type="checkbox"/> WILDCAT WELL DETERMINATION	<input checked="" type="checkbox"/> OTHER	OTHER:   PWOP

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

XTO Energy Inc. intends to put this well on pump with the intent of improving production. Please see the attached procedure.

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

Date: September 24, 2009  
By: *Barbara Nicol*

<b>NAME (PLEASE PRINT)</b> Barbara Nicol	<b>PHONE NUMBER</b> 505 333-3642	<b>TITLE</b> Regulatory Clerk
<b>SIGNATURE</b> N/A	<b>DATE</b> 9/24/2009	

JTB \_\_\_\_\_  
TJF \_\_\_\_\_  
DLC \_\_\_\_\_

**LCU 1-2H**  
**Sec 2, T 11S, R 20 E**  
**Uintah County, Utah**  
**API- 43-047-38027**  
**XTO # 165539**

**AFE # 904542**

**Put Well on Pump**

**Surf csg:** 9-5/8", 36#, J-55, LT&C csg @ 2174' Top out cmt to surface  
**Prod csg:** 5-1/2", 17#, N80, LT&C csg @ 9188'. PBTB @ 9170' (drilled out w/ CTU)  
**Tbg:** 2-3/8" L-80 EUE tubing w/ SN on bottom @ 8840'  
**Perfs:** MV: 4764'-69', 5102'-07', 5373'-80', 5769'-74', 6934'-38', 7008'-12',  
7204'-09', 7381'-84', 7390'-96', 7402'-06, 7644'-48', 7652'-59', 8627'-30',  
8743'-56', 8811'-13', 8835'-37', 8870'-72', 8875'-77', 8887'-89', 8915'-18',  
8943'-47', 8964'-66', 8971'-73', 9016'-19', 9096'-9101', 9106'-10', 9112'-22'

**PWOP Procedure**

- 1) MI and set a Lufkin RM 456-365-144 pumping unit (min ECB 19,600#) with a C-106 engine.  
Set CB weights as follows:

Description	Weight	Position
Left Lag	ORO + OS	6.6" from end of crank
Left Lead	ORO + OS	6.6" from end of crank
Right Lag	ORO + OS	6.6" from end of crank
Right Lead	ORO + OS	6.6" from end of crank

- 2) MIRU PU. Blow down casing and kill well w/ 2% KCl. ND WH, NU BOP. Unseat tubing hanger. Lower tubing to tag, then tally out of hole. Monitor tubing for indications of scale or corrosion, consider acid job if scale is found.
- 3) PU 4 3/4" bit and 5 1/2" scraper and TIH. If necessary, clean out with foam to PBTB @ ±9170'.

- 4) RIH with production string as follows:
- a) 2 3/8" x 5 1/2" TEC tubing anchor
  - b) 2 3/8" x 6' tubing sub
  - c) 2 3/8" x 4' perforated sub
  - d) 2 3/8" x 1.78" S/N
  - e) 2 3/8" 4.7# EUE tubing to surface

Land tubing in tension with anchor at  $\pm 9150'$ . ND BOP, NU wellhead.

- 5) RIH w/ pump and rod string as follows:
- a) 2"x 1 1/2"x 20' RXBC w/ 8' dip tube
  - b) 3/4" x 4' rod sub
  - c) 3/4" - 21,000 lb HF shear tool
  - d) 10- 1 1/4" API K Sinker Rods
  - e) 32 - 3/4" Norris 96 Rods w/ "T" couplings, 5 molded guides/rod
  - f) 174 - 3/4" Norris 96 Rods w/ "T" couplings
  - g) 150-7/8" Norris 96 Rods w/ slimhole couplings
  - h) 7/8"- Norris 96 rod pony rods as necessary to space out
  - i) 1 1/4" x 22' Polish rod w/ 1 1/2" liner
- 6) Space out pump as required with pony rods. Load tubing and long stroke with rig to ensure pump action. RDMO PU.
- 7) Gauge tanks. Start well pumping at 4 SPM and 144" SL. Run dyno and shoot fluid level  $\pm 1$  week after unit has started.
- 8) Report pre and post start up data to Tom Boyce

### **Regulatory**

- Submit NOI and subsequent report to BLM and Utah Division of Oil Gas & Mining for installation of pumping unit.

### **Services/Material**

- 4-3/4" bit & bit sub, 5-1/2" casing scraper

### **Equipment**

- Lufkin RM 456-365-144 pumping unit (min ECB 19,600 lbs) with a C-106 engine
- TEC 5 1/2" x 2 3/8" anchor catcher

### **Rods**

- 2" x 1 1/2" x 20' RXBC pump w/ 8' dip tube
- 3/4" x 4' Guided Rod Sub w/mold-on guides
- 3/4" – 21,000 lb HF Shear Tool
- 10 – 1-1/4" x 25' API K Sinker Bars
- 32- 3/4" Norris 96 Rods w/ "T" couplings, 5 molded guides/rod
- 174- 3/4" Norris 96 Rods w/ "T" couplings
- 150- 7/8" Norris 96 Rods w/ slimhole couplings
- 7/8"- Norris 96 rod pony rods as necessary to space out
- 1 1/4" x 22' Polish rod w/ 1 1/2" liner

<b>STATE OF UTAH</b> DEPARTMENT OF NATURAL RESOURCES DIVISION OF OIL, GAS, AND MINING	<b>FORM 9</b>
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	<b>6. IF INDIAN, ALLOTTEE OR TRIBE NAME:</b>  _____
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	<b>STATE:</b> UTAH

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TYPE OF SUBMISSION	TYPE OF ACTION		
<input checked="" type="checkbox"/> <b>NOTICE OF INTENT</b> Approximate date work will start: 10/16/2009	<input type="checkbox"/> ACIDIZE	<input type="checkbox"/> ALTER CASING	<input type="checkbox"/> CASING REPAIR
<input type="checkbox"/> <b>SUBSEQUENT REPORT</b> Date of Work Completion:	<input type="checkbox"/> CHANGE TO PREVIOUS PLANS	<input type="checkbox"/> CHANGE TUBING	<input type="checkbox"/> CHANGE WELL NAME
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<input type="checkbox"/> <b>DRILLING REPORT</b> Report Date:	<input type="checkbox"/> DEEPEN	<input type="checkbox"/> FRACTURE TREAT	<input type="checkbox"/> NEW CONSTRUCTION
	<input type="checkbox"/> OPERATOR CHANGE	<input type="checkbox"/> PLUG AND ABANDON	<input type="checkbox"/> PLUG BACK
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	<input type="checkbox"/> WATER SHUTOFF	<input type="checkbox"/> SI TA STATUS EXTENSION	<input type="checkbox"/> APD EXTENSION
	<input type="checkbox"/> WILDCAT WELL DETERMINATION	<input checked="" type="checkbox"/> OTHER	OTHER: CEMENT SQUEEZE

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

XTO Energy Inc. received verbal approval @ 0630 hours on 10/16/2009 from Ryan Angus (BLM) & Dave Hackford (DOGM) to squeeze existing perms @ 5,373' - 5,380' with 100 sacks of Class G Neat Cement, 15.8 ppg. Please see the attached XTO Verbal Approval Form.

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

Date: October 19, 2009  
 By: *Derek Duff*

<b>NAME (PLEASE PRINT)</b> Barbara Nicol	<b>PHONE NUMBER</b> 505 333-3642	<b>TITLE</b> Regulatory Clerk
<b>SIGNATURE</b> N/A	<b>DATE</b> 10/16/2009	



<b>STATE OF UTAH</b> DEPARTMENT OF NATURAL RESOURCES DIVISION OF OIL, GAS, AND MINING	<b>FORM 9</b>
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	<b>COUNTY:</b> UINTAH
	<b>STATE:</b> UTAH

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TYPE OF SUBMISSION	TYPE OF ACTION		
<input type="checkbox"/> NOTICE OF INTENT Approximate date work will start:	<input type="checkbox"/> ACIDIZE	<input type="checkbox"/> ALTER CASING	<input type="checkbox"/> CASING REPAIR
<input checked="" type="checkbox"/> SUBSEQUENT REPORT Date of Work Completion: 11/30/2009	<input type="checkbox"/> CHANGE TO PREVIOUS PLANS	<input type="checkbox"/> CHANGE TUBING	<input type="checkbox"/> CHANGE WELL NAME
<input type="checkbox"/> SPUD REPORT Date of Spud:	<input type="checkbox"/> CHANGE WELL STATUS	<input type="checkbox"/> COMMINGLE PRODUCING FORMATIONS	<input type="checkbox"/> CONVERT WELL TYPE
<input type="checkbox"/> DRILLING REPORT Report Date:	<input type="checkbox"/> DEEPEN	<input type="checkbox"/> FRACTURE TREAT	<input type="checkbox"/> NEW CONSTRUCTION
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	<input type="checkbox"/> WATER SHUTOFF	<input type="checkbox"/> SI TA STATUS EXTENSION	<input type="checkbox"/> APD EXTENSION
	<input type="checkbox"/> WILDCAT WELL DETERMINATION	<input checked="" type="checkbox"/> OTHER	OTHER: CMT SQZ & PWOP

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

XTO Energy Inc. has completed the cement squeeze on this well & has put it on a pump per the attached summary report.

**Accepted by the**  
**Utah Division of**  
**Oil, Gas and Mining**  
**FOR RECORD ONLY**  
 December 03, 2009

<b>NAME (PLEASE PRINT)</b> Barbara Nicol	<b>PHONE NUMBER</b> 505 333-3642	<b>TITLE</b> Regulatory Clerk
<b>SIGNATURE</b> N/A	<b>DATE</b> 12/2/2009	

EXECUTIVE SUMMARY REPORT

9/1/2009 - 12/2/2009
Report run on 12/2/2009 at 3:58 PM

Little Canyon Unit 01-02H

Section 02-11S-20E, Uintah, Utah, Roosevelt

10/15/2009 First rpt for PWOP. PBSD 9,170'. SN @ 8,838'. EOT @ 8,840'. MV perfs fr/4,764' - 9,122'. MIRU Temples WS rig #1. MI & spot rig pmp & tks. Bd well. KW dwn TCA w/45 bbl 2% KCl wtr. ND WH. NU BOP. Unland tbg and LD hgr. PU & TIH w/11 jts 2-3/8", L-80, 4.7#, EUE, 8rd tbg. Tgd @ 9,170'(48' blw btm perf & 0' of fill). LD 11 jts tbg. TOH w/277 jts 2-3/8", L-80, 4.7#, EUE, 8rd tbg, SN & top half of Weatherford B.R.S. Found no external sc. Found no internal sc. BHBS recd @ SN. KW dwn TCA w/50 bbl 2% KCl wtr. MIRU Casedhole Solutions WLU. RIH w/5.5" gauge ring to 5,500'. TOH w/gauge ring. RIH w/5.5" CBP & set @ 5,425'. Tgd w/& POH w/setting tl. POH & RDMO WLU. PU & TIH w/5.5" CICR & 145 jts tbg. EOT @ 4,634'. Will sqz existing perf's @ 5373'-80. Verbal approv was given by BLM Ryan Angus & Dave Hackford, DOGM. SWI & SDFN.

Little Canyon Unit 01-02H

10/16/2009 EOT @ 4,634'. Bd well. Fin TIH w/22 jts tbg. Set CICR @ 5,329'. PT tbg to 2,500 psig. Tstd gd. EIR thru MV perfs @ 5,340' - 80' of 1.8 BPM @ 1300 psig. Att sqz perfs w/100 sks Class G neat cmt (mixed @ 15.8 ppg). Sqz press to 2800 psig w/7 bbls cmt ppd thru CICR & 13 bbls in tbg. Unsting fr/ret & atted to RC w/70 bbl FW w/o success. TOH w/50 jts tbg. Flshd dwn tbg w/10 bbl FW. TOH & LD stinger tl. PU & TIH w/4.75" bit, 2 - 3-1/8" DC & 107 jts tbg. EOT @ 3,500'. SWI & SDFWE.

Little Canyon Unit 01-02H

10/19/2009 TIH w/2 jts 2-3/8" tbg. Tgd cmt @ 3,552'. CICR @ 5,329', CBP @ 5,425', sqz perfs @ 5,373'-80' & PBSD 9,170'. RU pwr swivel. RU Tech Foam AFU & estb circ. Stg in hole & DO lt cmt stringers fr/3,552' - 3,900' & fell thru. RD swivel. LD 43 jts 2-3/8" tbg. TIH w/40 jts 2-3/8" tbg out of derrick. Dropd tbg dwn hole (Loose thd). TIH w/36 addl jts 2-3/8" OE tbg. Screw into top of fish @ 4,014' (Btm of fish @ 5,000'). TOH w/155 jts 2-3/8" tbg & drlg BHA. Tbg & DC's ok. Chng out bit. TIH w/new 4-3/4" bit, 2 - 3-1/8" DC's & 154 jts 2-3/8" tbg. EOT @ 3,983'. SWI. SDFN. Used 100 bbls 2% KCl wtr today.

Little Canyon Unit 01-02H

10/20/2009 PU 1 jt 2-3/8" tbg. Tgd cmt @ 5,000' FS. RU pwr swivel. RU Tech Foam AFU & estb circ. Stg in hole & DO 329' of lt to med hd cmt & 10" of CICR fr/5,000' - 5,330'. Circ well cln w/EZ mud sweep. RD swivel. TOH w/2 jts 2-3/8" tbg. EOT @ 5,268'. SWI. SDFN. Used 230 bbls 2% kcl wtr today.

Little Canyon Unit 01-02H

10/21/2009 Bd well. TIH w/2 jt 2-3/8" tbg. Tgd CIBP @ 5,330' FS. RU pwr swivel. RU Tech Foam AFU & estb circ. DO CICR & 50' of lt to med hd cmt fr/5,330' - 5,380' w/2 jts 2-3/8" tbg & fell thru. Swivel dwn 1 jt 2-3/8" tbg to CBP @ 5,425' tbg meas. Circ well cln w/EZ mud sweep. RD AFU. RD swivel. TOH w/167 jts 2-3/8" tbg. LD 2 - 3-1/8" DC's & bit. TIH w/new 4-3/4" cone bit, bit sub & 169 jts 2-3/8" tbg. EOT @ 5,380'. SWI. SDFN. Used 125 bbls 2% kcl wtr today.

Little Canyon Unit 01-02H

10/22/2009 Bd well. TIH w/1 jt 2-3/8" tbg. RU pwr swivel. RU Tech Foam AFU & estb circ. DO CBP @ 5,425'. Circ well cln w/EZ mud sweep. RD Swivel. RD AFU. TIH w/118 jts 2-3/8" tbg. Tgd @ 9,167'. RU pwr swivel. RU AFU & estb circ. DO 3' of fill to btm half of BRS & 4-3/4" cone bit @ 9,170' PBSD. Circ well cln w/EZ mud sweep. RD Swivel. RD AFU. TOH w/288 jts 2-3/8" tbg. PU 5-1/2" csg scr. TIH w/4-3/4" cone bit, csg scr & 60 jts 2-3/8" tbg. EOT @ 1,900'. SWI. SDFN. Used 220 bbls 2% kcl wtr today.

Little Canyon Unit 01-02H

EXECUTIVE SUMMARY REPORT

9/1/2009 - 12/2/2009  
Report run on 12/2/2009 at 3:58 PM

- 10/23/2009 Bd well. TIH w/228 jt 2-3/8" tbg. LD 2 jts 2-3/8" tbg. TOH w/286 jts 2-3/8" tbg. LD bit & csg scr. TIH w/ 5-1/2" x 2-3/8" Tech Tac TAC, 6' x 2-3/8" tbg sub, 4' x 2-3/8" perf tbg sub, 2-3/8" SN, 285 jts 2-3/8" tbg 2 - 10' x 2-3/8" tbg subs & 1 jt 2-3/8" tbg. Broached all tbg w/1.90" OD broach. Flshd tbg w/10 bbls 2% KCl wtr. Dropd 2-3/8" SV. PT tbg to 1,000 psig w/20 bbls 2% KCl wtr for 10". Tstd ok. Rlsd press. SWI. SDFWE. Used 150 bbls 2% KCl wtr to cntl well today.
- 10/26/2009 ===== Little Canyon Unit 01-02H =====  
EOT @ 9,143'. ND BOP. Set TAC @ 9,148'. Ld tbg in 12 K ten w/donut tbg hgr. SN @ 9,135'. EOT @ 9,150'. Fin equ run: 5-1/2" x 2-3/8" Tech Tac TAC, 6' x 2-3/8" tbg sub, 4' x 2-3/8" N-80 perf tbg sub, 2-3/8" SN, 285 jts 2-3/8" L-80, 4.7#, 8rd tbg, 2 - 10' x 2-3/8" N-80 tbg subs & 1 jt 2-3/8" L-80, 4.7#, 8rd tbg. RU & RIH w/swb tls. BFL @ 4,400' FS. S. 0 BO, 66 BLW, 20 runs, 10 hrs, FFL @ 4,800' FS w/tbg on vac, blk fld smpls w/lt - med cmt & sd solids. SWI & SDFN.
- 10/27/2009 ===== Little Canyon Unit 01-02H =====  
PBSD @ 9,170'. SN @ 9,135'. Rig replaced & spliced in new sandline. RU & RIH w/swb tls. BFL @ 4,600' FS. S. 0 BO, 30 BLW, 8 runs, 4 hrs, FFL @ 4,900' FS w/tbg on vac, blk fld smpls w/tr cmt & sd solids. SWI & SDFN.
- 10/28/2009 ===== Little Canyon Unit 01-02H =====  
RU & RIH w/swb tls. BFL @ 4,900' FS. S. 0 BO, 3 BLW, 1 runs, 1/2 hr, FFL @ 4,900' FS w/tbg on vac, grey fld smpls w/tr solids. Bd well. RD swb tls. PU & loaded 2" x 1-1/2" x 20' RHBC w/4'-3" GRV plngr (XTO #222) & 8' dip tube. PU & TIH w/pmp, 4' x 3/4" rod sub, shear tl (pinned to 26K), 10 - 1-1/4" API K sbs, 32 - 3/4" Norris Guided (5 per) 96 skr d w/T cplg's, 174 - 3/4" Norris 96 slick skr d w/T cplg's, 148 - 7/8" Norris 96 skr d w/slim hole T cplg's, 3 - Norris 97 rod subs, 2 - 2', & 4' x 7/8" & 1-1/4" x 26' PR w/1-1/2" x 14' lnr. Seated pmp. PT tbg to 1,000 psig w/20 bbls trtd 2% kcl wtr for 10". Tstd ok. Rlsd press. LS pmp w/rig to 1000 psig. GPA. Rlsd press. Clamp off rods. MIRU Nalco chem truck. Ppd dwn TCA w/35 bbl chem pill containing: 2% KCl wtr, 110 gal Nalco DVE 40 005 sc inhibitor, 5 gal Nalco EC 6106 biocide. Flshd w/200 bbls trtd 2% KCl wtr @ 350 psig. SWI & SDFN. Unable to rig dn due to weather.
- 10/29/2009 ===== Little Canyon Unit 01-02H =====  
RDMO Temples WS rig #1. Unable to RWTP surf equip not ready. Suspdn rpts, turn well over to facilities.
- 12/1/2009 ===== Little Canyon Unit 01-02H =====  
The Little Canyon Unit 1-2H PWOP. Stroke Length 144. 4 SPM. This well is on Route #212. XTO allocation Meter # RS 0677 RS. RTU Group 10. Address 5. Waynes Check CDP Meter #RS1264C. RWTP @ 2:30 p.m., 12/01/09.
- ===== Little Canyon Unit 01-02H =====

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
4304737988	LCU 8-36F		SENE	36	10S	20E	UINTAH
Action Code	Current Entity Number	New Entity Number	Spud Date		Entity Assignment Effective Date		
C	16030	14619 ✓	4/3/2007		12/1/2006 <u>4/23/2007</u>		
Comments: MVRD = WSMVD							<u>- 8/24/10</u>

**Well 2**

API Number	Well Name		QQ	Sec	Twp	Rng	County
4304737999	LCU 6-36F		SENE	36	10S	20E	UINTAH
Action Code	Current Entity Number	New Entity Number	Spud Date		Entity Assignment Effective Date		
C	16059	14619 ✓	4/16/2007		12/1/2006 <u>6/4/2007</u>		
Comments: MVRD = WSMVD							<u>- 8/24/10</u>

**Well 3**

API Number	Well Name		QQ	Sec	Twp	Rng	County
4304738027	LCU 1-2H		NENE	2	11S	20E	UINTAH
Action Code	Current Entity Number	New Entity Number	Spud Date		Entity Assignment Effective Date		
C	16536	14619 ✓	11/12/2007		12/1/2006 <u>6/19/2008</u>		
Comments: MVRD = WSMVD							<u>- 8/24/10</u>

**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**

DIV. OF OIL, GAS & MINING

<b>STATE OF UTAH</b> DEPARTMENT OF NATURAL RESOURCES DIVISION OF OIL, GAS, AND MINING	<b>FORM 9</b>  <b>5. LEASE DESIGNATION AND SERIAL NUMBER:</b> ML-48771
<b>SUNDRY NOTICES AND REPORTS ON WELLS</b>  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.	<b>6. IF INDIAN, ALLOTTEE OR TRIBE NAME:</b>  <b>7. UNIT or CA AGREEMENT NAME:</b> LITTLE CANYON
<b>1. TYPE OF WELL</b> Gas Well	<b>8. WELL NAME and NUMBER:</b> LCU 1-2H
<b>2. NAME OF OPERATOR:</b> XTO ENERGY INC	<b>9. API NUMBER:</b> 43047380270000
<b>3. ADDRESS OF OPERATOR:</b> 382 Road 3100 , Aztec, NM, 87410	<b>PHONE NUMBER:</b> 505 333-3159 Ext
<b>4. LOCATION OF WELL</b> <b>FOOTAGES AT SURFACE:</b> 0874 FNL 0445 FEL <b>QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN:</b> Qtr/Qtr: NENE Section: 02 Township: 11.0S Range: 20.0E Meridian: S	<b>9. FIELD and POOL or WILDCAT:</b> NATURAL BUTTES  <b>COUNTY:</b> UINTAH  <b>STATE:</b> UTAH

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

TYPE OF SUBMISSION	TYPE OF ACTION		
<input type="checkbox"/> <b>NOTICE OF INTENT</b> Approximate date work will start:	<input checked="" type="checkbox"/> <b>ACIDIZE</b>	<input type="checkbox"/> <b>ALTER CASING</b>	<input type="checkbox"/> <b>CASING REPAIR</b>
<input checked="" type="checkbox"/> <b>SUBSEQUENT REPORT</b> Date of Work Completion: 1/17/2011	<input type="checkbox"/> <b>CHANGE TO PREVIOUS PLANS</b>	<input type="checkbox"/> <b>CHANGE TUBING</b>	<input type="checkbox"/> <b>CHANGE WELL NAME</b>
<input type="checkbox"/> <b>SPUD REPORT</b> Date of Spud:	<input type="checkbox"/> <b>CHANGE WELL STATUS</b>	<input type="checkbox"/> <b>COMMINGLE PRODUCING FORMATIONS</b>	<input type="checkbox"/> <b>CONVERT WELL TYPE</b>
<input type="checkbox"/> <b>DRILLING REPORT</b> Report Date:	<input type="checkbox"/> <b>DEEPEN</b>	<input type="checkbox"/> <b>FRACTURE TREAT</b>	<input type="checkbox"/> <b>NEW CONSTRUCTION</b>
	<input type="checkbox"/> <b>OPERATOR CHANGE</b>	<input type="checkbox"/> <b>PLUG AND ABANDON</b>	<input type="checkbox"/> <b>PLUG BACK</b>
	<input type="checkbox"/> <b>PRODUCTION START OR RESUME</b>	<input type="checkbox"/> <b>RECLAMATION OF WELL SITE</b>	<input type="checkbox"/> <b>RECOMPLETE DIFFERENT FORMATION</b>
	<input type="checkbox"/> <b>REPERFORATE CURRENT FORMATION</b>	<input type="checkbox"/> <b>SIDETRACK TO REPAIR WELL</b>	<input type="checkbox"/> <b>TEMPORARY ABANDON</b>
	<input type="checkbox"/> <b>TUBING REPAIR</b>	<input type="checkbox"/> <b>VENT OR FLARE</b>	<input type="checkbox"/> <b>WATER DISPOSAL</b>
	<input type="checkbox"/> <b>WATER SHUTOFF</b>	<input type="checkbox"/> <b>SI TA STATUS EXTENSION</b>	<input type="checkbox"/> <b>APD EXTENSION</b>
	<input type="checkbox"/> <b>WILDCAT WELL DETERMINATION</b>	<input type="checkbox"/> <b>OTHER</b>	OTHER: <input style="width: 100px;" type="text"/>

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

XTO Energy Inc. has performed acid treatments on this well per the attached summary report.

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

<b>NAME (PLEASE PRINT)</b> Barbara Nicol	<b>PHONE NUMBER</b> 505 333-3642	<b>TITLE</b> Regulatory Compliance Tech
<b>SIGNATURE</b> N/A	<b>DATE</b> 1/21/2011	

## **Little Canyon Unit 01-02H**

**1/6/2011:** MIRU. PT tbg w/5 bbls TFW @ 1,200 psig. Tstd GD. Unhung well. LD 1.50' x 26' PR & 2 pony rods (4' & 8'). TOH w/39 - 3/4" skr d. Box on 39th rod parted due to wear. TIH w/ 1.25" OS & 40 rods. Engage Ft. pulled 18k. TOH w/rods. Recovered 2nd Half of parted box. TIH w/1.1875" OS, & 40 rds. Engage FT. Pulled 26k. Unseat pump. TOH w/40 rods, LD OS & 41st rod. PU PR & Flsd rod w/50 bls TFW @ 180F\*. SWI & SDFN.

**1/7/2011:** TOH w/194 - 3/4" skr d. LD 39 - 3/4" skr d w/hvy wear (650' - 1,625' FS. ), contd TOH w/120 - 3/4" guided, LD 10 - 1-1/4" sbs & xto pmp # 293. ND WH, NU BOP. Unind tbg @ 60K. Rlsd TAC. SWI & SDFN.

**1/10/2011:** Bd well. TOH scanning prod tbg strg. Stand back 225 jts 2.375", 4.7#, L-80 8rd EUE tbg that tstd gd. LD 61 jts 2.375", 4.7#, L-80 tbg that tstd bad. Tbg scanned 176 jts <15% (YB) 49 jts < 35% (BB) & 61 jts > 36% (Red) due to rod wear. Scanned tti of 286 jts. LD 2-3/8" SN, 4' perf sub, 6' tbg sub & SH TAC. Hvy ext Sc BU fr/6,900' - 7,350'. Smpl taken for anal. TIH w/4.75" bit, 5.5" csg scr, 2-3/8" SN & 176 jts 2.375", 4.7#, L-80, EUE 8rd tbg. EOT @ 5,800'. SWI & SDFN.

**1/11/2011:** Contd to TIH w/4.75" bit, 5.5" csg scr, SN & 286 jts, 2-3/8", L-80, 4.7#, EUE 8rd tbg tti. Tgd 20' fill @ 9,150'. RU AFU & estab circ. DO/CO fr/9,150' - 9,170'. PBD @ 9,170'. C & C cln. LD pwr swvl & TOH w/287 jts tbg. LD bit/scr. TIH w/ 5.5" HD pkr w/retrv hd & 4' sub, "TS" RBP & 150 jts 2-3/8" EUE tbg. EOT @ 4,850'. SWI & SDFN.

**1/12/2011:** Bd well. TIH w/tbg. Set pkr @ 9,050'. MIRU Frac-Tech ac crew. PT surf equip & lines to 3,500 psig. Tstd gd. Bd press. Proceed w/8 stage A. trtmnt as follows: All ac ppd today contains 5 g/1,000 MA-844, 20 g/1,000 EGBME mutual solvent, FE 200 & FE 100 iron seq, CI 350 corr inhib for 48 hrs exposure & 225 g Nalco EC6652 sc inhibitor. All fish is TFW. Stg #1. A. MV perfs fr/9,096' - 9,122' w/365 gals 15% HCL ac w/adds. Flshd w/38 bbls TFW Max trtg press 3,125 psig @ 1.7 BPM. ISIP 0 psig. Stg #2. Move tls & Isol MV perfs fr/8,811' - 9,019'. Trtd perfs w/756 gals 15% HCL ac w/adds. Flshd w/37 bbls TFW. Max trtg press 3,000 psig @ 4.0 BPM. ISIP 2,190 psig. Stg #3. Move tls & Isol MV perfs fr/8,627' - 8,756'. Trtd perfs w/417 gals 15% HCL ac w/adds. Flshd w/36 bbls TFW. Max trtg press 3,500 psig @ 2.5 BPM. ISIP 2,847 psig. Stg #4. Move tls & Isol MV perfs fr/7,644' - 7,659'. Trtd perfs w/287 gals 15% HCL ac w/adds. Flshd w/32 bbls TFW. Max trtg press 3,200 psig @ 3.7 BPM, ISIP 1,847 psig, Stg #5. Isol MV perfs fr/7,381' - 7,406'. Trtd perfs w/339 gals 15% HCL ac w/adds. Flshd w/30 bbls TFW. Max trtg press 3,150 psig @ 4.0 BPM. ISIP 1,240 psig. Stg #6. Isol WA perfs fr/6,934' - 7,209'. Trtd perfs w/339 gals 15% HCL ac w/adds. Flshd w/29 bbls TFW. Max trtg press 2,880 psig @ 4.0 BPM. ISIP 1,470 psig. Stg #7. Isol WA perfs fr/5,769' - 5,774'. Trtd perfs w/235 gals 15% HCL ac w/adds. Flshd w/26 bbls TFW. Max trtg press 2,900 psig @ 4.0 BPM. ISIP 1,881 psig. Stg #8 Isol WA perfs fr/4,764' - 5,107'. Trtd perfs w/262 gals 15% HCL ac w/adds. Flshd w/22 bbls TFW. Max trtg press 2,500 psig @ 4.0 BPM. ISIP 1,250 psig. Rlsd tls TOH w/ 150 jt's tbg.

**1/13/2011:** Contd TOH w/tbg. LD pkr & plg. TIH w/MS col, 5-1/2" x 2-3/8" TechTac, SH TAC, 10' x 2-3/8" perf tbg sub, 2-3/8" SN, 64 jts of new 2-3/8", L-80, EUE, 8rd, 4.7# tbg, 176 jts tstd YB 2-3/8", L-80, EUE, 8rd, 4.7# tbg, 44 jts tstd BB 2-3/8", L-80, EUE, 8rd, 4.7# tbg, ND BOP. Set TAC @ 9,138'. Ld tbg w/2-3/8" tbg hgr in 12 K tens 3' stretch, SN @ 9,124'. EOT @ 9,138'. PBD @ 9,170', WA MV perfs 4,764' - 9,122'. NU WH. RU & RIH w/swb tls. BFL @ 3,300' FS. S. 0 BO, 11 BLW, 2 runs, 1 hr. FFL @ 3,500' FS, SICP 0 psig, rets of gray wtr no solids. SWI. SDFN.

**1/14/2011:** RU & RIH w/swb tls. BFL @ 4,500' FS. S. 0 BO, 120 BLW, 26 runs, 1 hrs. FFL @ 5,700' FS, FCP 90 psig, rets of gray wtr no solids & PH 6. SWI. SDFWE.

**1/17/2011:** RU & RIH w/swb tls. BFL @ 5,700' FS. S. 0 BO, 5 BLW, 1 runs, 1 hrs. FFL @ 5,700' FS, FCP 65 psig, drk brn wtr ph 6, no solids. RD swb tls. PU & load new 2" x 1.25" x 16' x 19' RHBC pmp # 311 w/1.25" x 8' sd screen GAC. TIH w/pmp, 4' x 3/4" guided pony sub, 26#k shear tl, 4' x 3/4" guided pony sub, 15 - 1.25" sbs, 100 - 3/4" guided( 5 per) Norris gr 96 w/T-cplgs, 100 new - 3/4" guided( 5 per) Norris gr 96 w/T-cplgs, 96- 3/4" plain Norris gr 96 w/T-cplgs. 20 - 3/4" guided( 5 per) Norris gr 96 w/T-cplgs, 32 - 3/4" plain Norris gr 96 w/T-cplgs, 3- 3/4" rod sub ( 8, 4', & 2') & 26' x 1.25" PR w/1.5" x 16' SM Inr. Seated pmp & SWO. Fill tbg w/15 bls trtd 2% KCl wtr & PT tbg to 500 psig, tstd gd. LS pmp/tbg to 1000 psig w/rig, GPA. HWO & RWTP @ 17:30 hrs, ppg @ SL 144" x 3 SPM. RDMO.

=====Little Canyon Unit 01-02H=====