

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

FORM 3

AMENDED REPORT   
(highlight changes)

**APPLICATION FOR PERMIT TO DRILL**

1A. TYPE OF WORK: DRILL <input checked="" type="checkbox"/> REENTER <input type="checkbox"/> DEEPEN <input type="checkbox"/>			5. LEASE DESIGNATION AND SERIAL NUMBER: <b>FEE</b>		
B. TYPE OF WELL: OIL <input type="checkbox"/> GAS <input checked="" type="checkbox"/> OTHER _____ SINGLE ZONE <input type="checkbox"/> MULTIPLE ZONE <input checked="" type="checkbox"/>			6. IF INDIAN, ALLOTTEE OR TRIBE NAME:		
2. NAME OF OPERATOR: Louis Dreyfus Natural Gas Corporation			7. UNIT or CA AGREEMENT NAME:		
3. ADDRESS OF OPERATOR: 14000 Quail Springs Parkway, Suite 600 CITY Oklahoma City STATE OK ZIP 73134		PHONE NUMBER: (405) 749-1300	8. WELL NAME and NUMBER: Fence Canyon Delambert 30 2		
4. LOCATION OF WELL (FOOTAGES) AT SURFACE: 691 FSL & 1975 FWL			9. FIELD AND POOL, OR WILDCAT: Fence Canyon/Dakota		
AT PROPOSED PRODUCING ZONE:			10. QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN: 30 15S 23E		
13. DISTANCE IN MILES AND DIRECTION FROM NEAREST TOWN OR POST OFFICE: 53.8 miles South of Ouray			11. COUNTY: Uintah	12. STATE: UTAH	
14. DISTANCE TO NEAREST PROPERTY OR LEASE LINE (FEET) 691 FSL		15. NUMBER OF ACRES IN LEASE: 320		16. NUMBER OF ACRES ASSIGNED TO THIS WELL: 320	
17. DISTANCE TO NEAREST WELL (DRILLING, COMPLETED, OR APPLIED FOR) ON THIS LEASE (FEET) None		18. PROPOSED DEPTH: 8,230		19. BOND DESCRIPTION: 4005H5879 Statewide Bond #4003C0845	
20. ELEVATIONS (SHOW WHETHER DF, RT, GR, ETC.): 6921		21. APPROXIMATE DATE WORK WILL START: 9/1/2001		22. ESTIMATED DURATION: 45 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"	9 5/8" J-55 36#	300	Class G 1.17 <sup>cu</sup> /sx 150 sx To Surface
8 3/4"	7" N-80 23#	4,900	50:50 Poz/G 1.24 <sup>cu</sup> /sx 900 sx To Surface
6 1/8"	4 1/2" N-80 11.6#	8,750	Modified H. 1.35 <sup>cu</sup> /sx 375 sx Est. TOC is 6,000 or 1500' above Dakota Silt top.
<b>RECEIVED</b>			

24. **ATTACHMENTS** JUL 25 2001

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"/> EVIDENCE OF DIVISION OF WATER RIGHTS APPROVAL FOR USE OF WATER	<input checked="" type="checkbox"/> COMPLETE DRILLING PLAN <input checked="" type="checkbox"/> FORM 5, IF OPERATOR IS PERSON OR COMPANY OTHER THAN THE LEASE OWNER
--	---

**DIVISION OF OIL, GAS AND MINING**

NAME (PLEASE PRINT) Carla Christian TITLE Regulatory Technician

SIGNATURE Carla Christian DATE July 23, 2001

(This space for State use only)

API NUMBER ASSIGNED: 43-047-33530

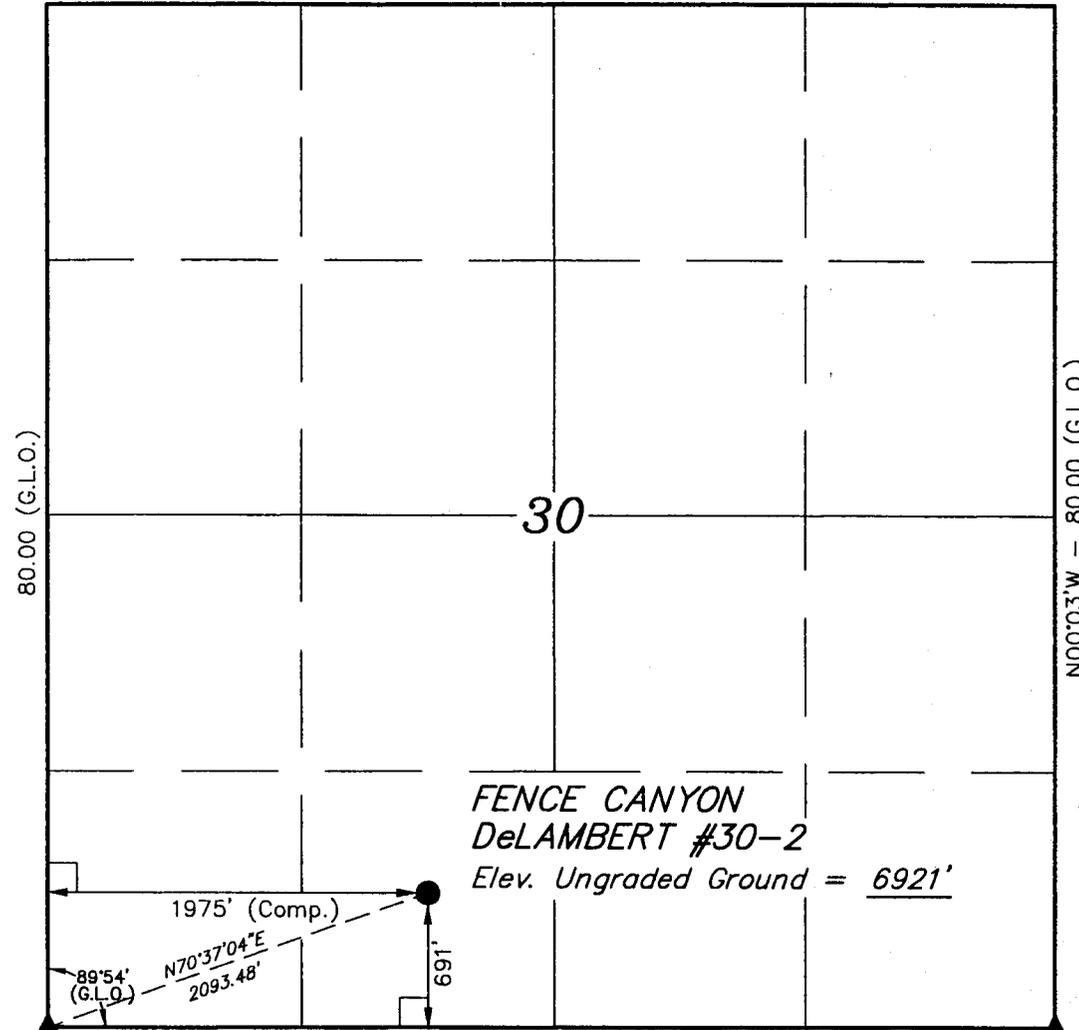
APPROVAL:

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

Date: [Signature]  
By: 09-18-01

T15S, R23E, S.L.B.&M.

S89°54'W - 80.08 (G.L.O.)



80.00 (G.L.O.)

N00°03'W - 80.00 (G.L.O.)

FENCE CANYON  
DeLAMBERT #30-2  
Elev. Ungraded Ground = 6921'

1921 Brass Cap,  
0.6' High, Pile of  
Stones

S89°53'16\"W - 5267.78' (Meas.)

1921 Brass Cap,  
0.1' High

LEGEND:

└─┘ = 90° SYMBOL

● = PROPOSED WELL HEAD.

▲ = SECTION CORNERS LOCATED.

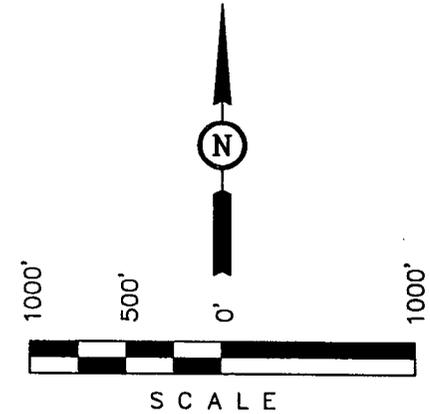
LATITUDE = 39°28'43"  
LONGITUDE = 109°23'12"

LOUIS DREYFUS NATURAL GAS CORP.

Well location, FENCE CANYON DeLAMBERT #30-2, located as shown in SE 1/4 SW 1/4 of Section 30, T15S, R23E, S.L.B.&M. Uintah County, Utah.

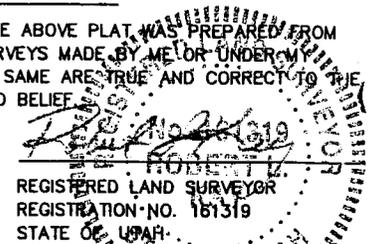
BASIS OF ELEVATION

SPOT ELEVATION ON A HILL TOP IN THE NW 1/4 OF SECTION 32, T15S, R23E, S.L.B.&M. TAKEN FROM THE PR SPRING QUADRANGLE, UTAH, 7.5 MINUTE QUAD. (TOPOGRAPHIC MAP) PUBLISHED BY THE UNITED STATES DEPARTMENT OF THE INTERIOR, GEOLOGICAL SURVEY. SAID ELEVATION IS MARKED AS BEING 7777 FEET.



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.



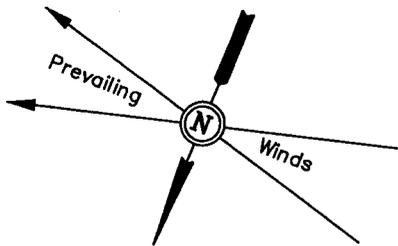
UINTAH ENGINEERING & LAND SURVEYING  
85 SOUTH 200 EAST - VERNAL, UTAH 84078  
(435) 789-1017

SCALE 1" = 1000'	DATE SURVEYED: 5-23-01	DATE DRAWN: 5-29-01
PARTY B.B. J.T. C.G.	REFERENCES G.L.O. PLAT	
WEATHER COOL	FILE LOUIS DREYFUS NATURAL GAS CORP.	

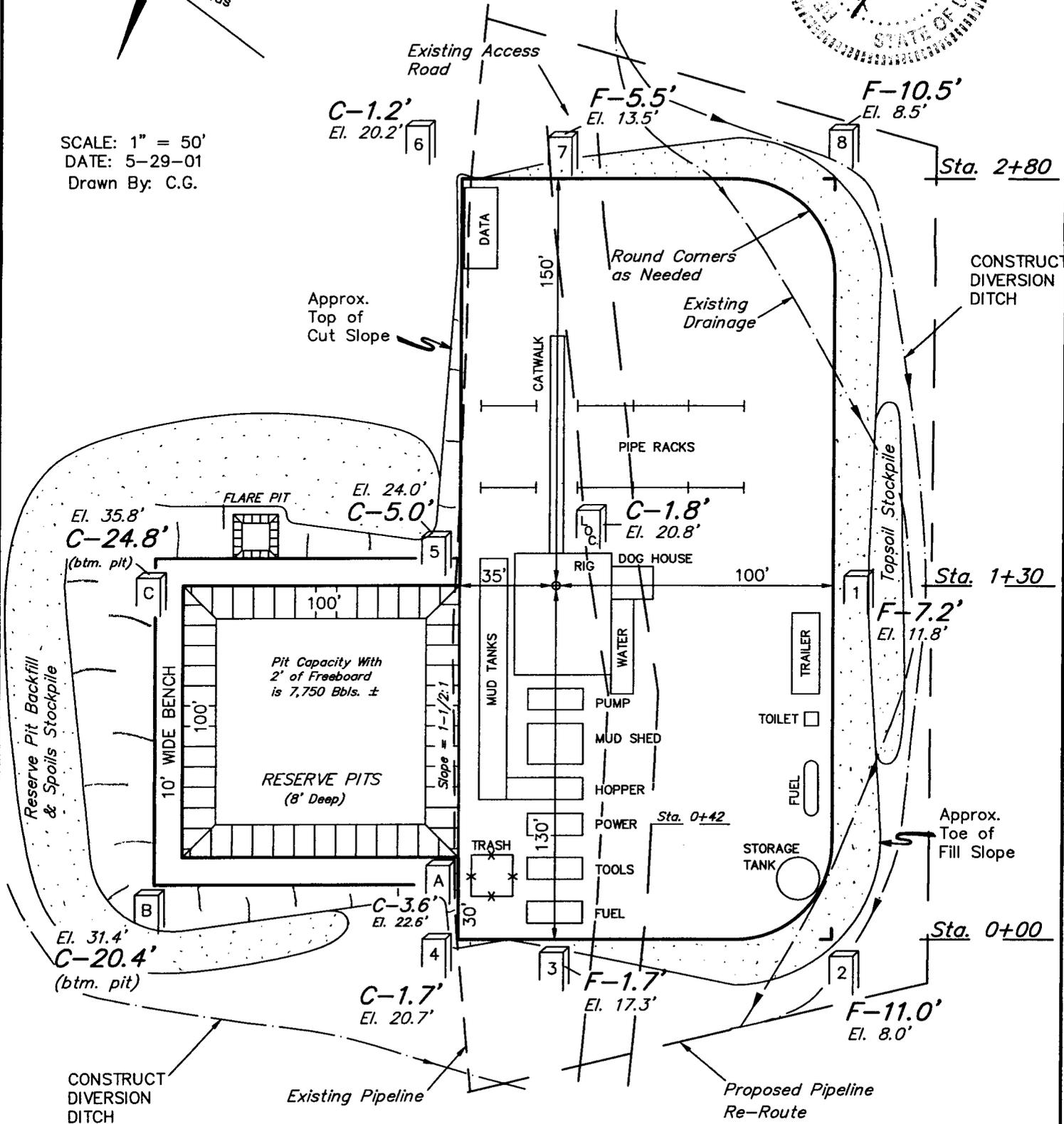
# LOUIS DREYFUS NATURAL GAS CORP.

## LOCATION LAYOUT FOR

FENCE CANYON DeLAMBERT #30-2  
SECTION 30, T15S, R23E, S.L.B.&M.  
691' FSL 1975' FWL



SCALE: 1" = 50'  
DATE: 5-29-01  
Drawn By: C.G.

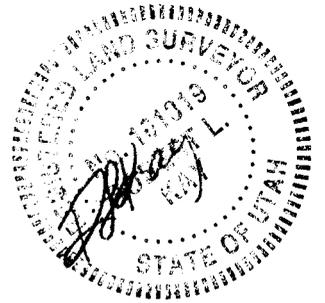


Elev. Ungraded Ground at Location Stake = 6920.8'  
Elev. Graded Ground at Location Stake = 6919.0'

# LOUIS DREYFUS NATURAL GAS CORP.

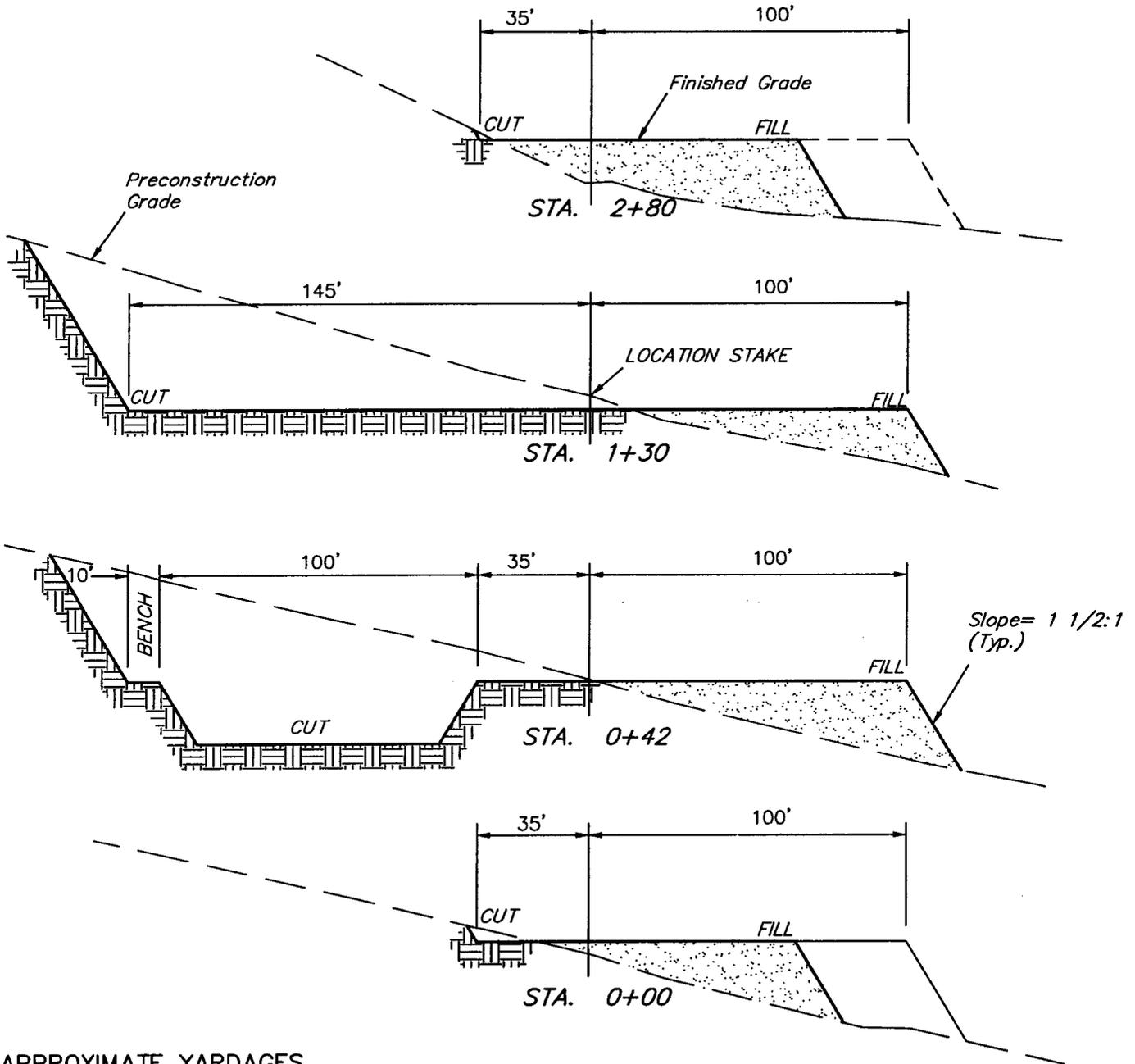
## TYPICAL CROSS SECTIONS FOR

FENCE CANYON DeLAMBERT #30-2  
SECTION 30, T15S, R23E, S.L.B.&M.  
691' FSL 1975' FWL



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

DATE: 5-29-01  
Drawn By: C.G.

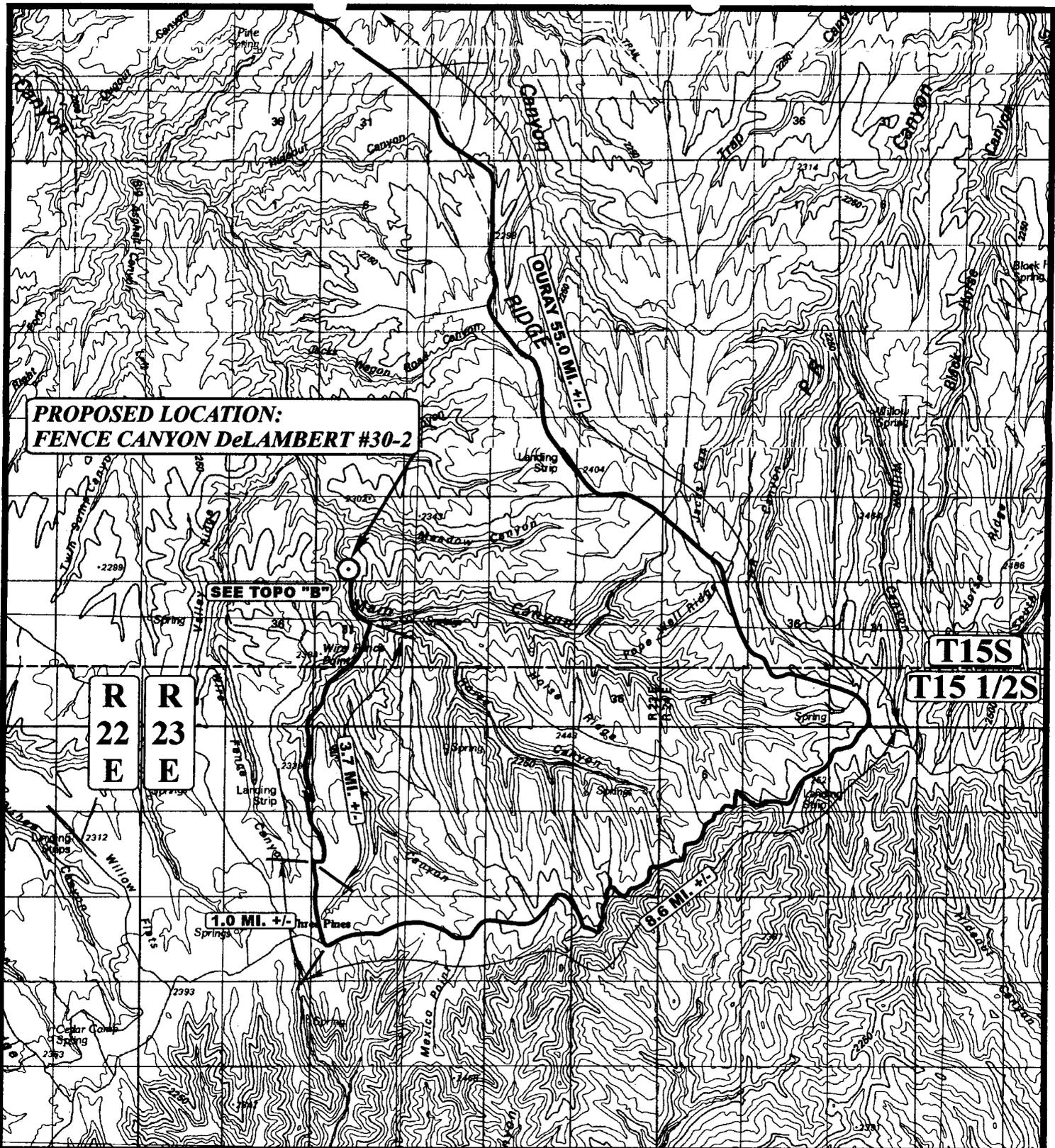


### APPROXIMATE YARDAGES

<b>CUT</b>	
(6") Topsoil Stripping	= 940 Cu. Yds.
Remaining Location	= 8,640 Cu. Yds.
<b>TOTAL CUT</b>	<b>= 9,580 CU.YDS.</b>
<b>FILL</b>	<b>= 7,110 CU.YDS.</b>

EXCESS MATERIAL AFTER 5% COMPACTION	= 2,100 Cu. Yds.
Topsoil & Pit Backfill (1/2 Pit Vol.)	= 2,100 Cu. Yds.
EXCESS UNBALANCE (After Rehabilitation)	= 0 Cu. Yds.

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



**LEGEND:**

⊙ PROPOSED LOCATION

**LOUIS DREYFUS NATURAL GAS CORP.**

**FENCE CANYON DeLAMBERT #30-2**  
**SECTION 30, T15S, R23E, S.L.B.&M.**  
**691' FSL 1975' FWL**



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

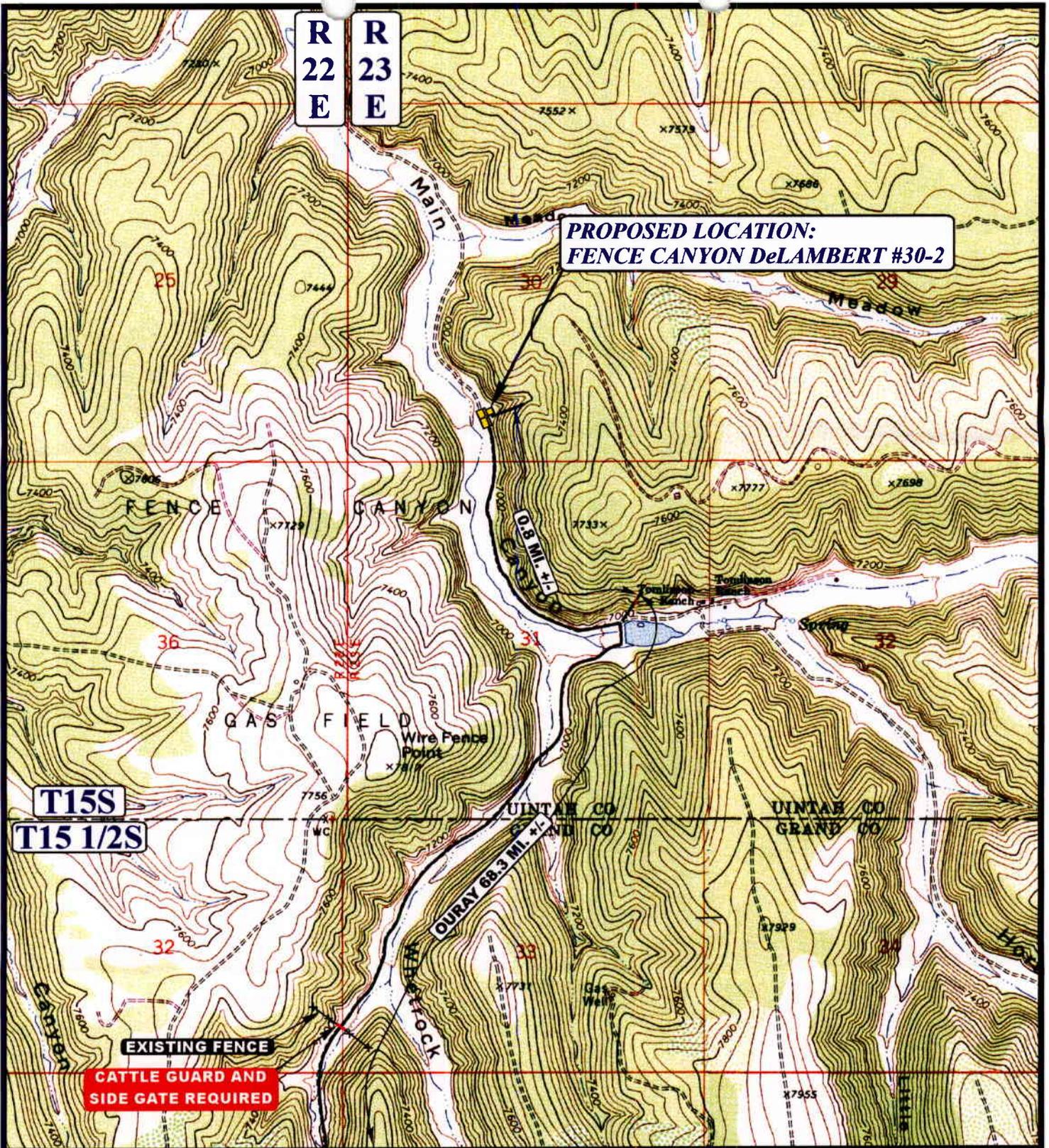


**TOPOGRAPHIC**  
**MAP**

**5 28 01**  
 MONTH DAY YEAR

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





**PROPOSED LOCATION:  
FENCE CANYON DeLAMBERT #30-2**

**EXISTING FENCE  
CATTLE GUARD AND  
SIDE GATE REQUIRED**

**LEGEND:**

- PROPOSED ACCESS ROAD
- EXISTING ROAD



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



**LOUIS DREYFUS NATURAL GAS CORP.**

**FENCE CANYON DeLAMBERT #30-2  
SECTION 30, T15S, R23E, S.L.B.&M.  
691' FSL 1975' FWL**

**TOPOGRAPHIC  
MAP**

**5 28 01**  
 MONTH DAY YEAR

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



**LOUIS DREYFUS NATURAL GAS CORP.**  
**FENCE CANYON DeLAMBERT #30-2**  
 LOCATED IN UTAH COUNTY,  
 SECTION 30, T15S, R23E, S.L.B.&M.

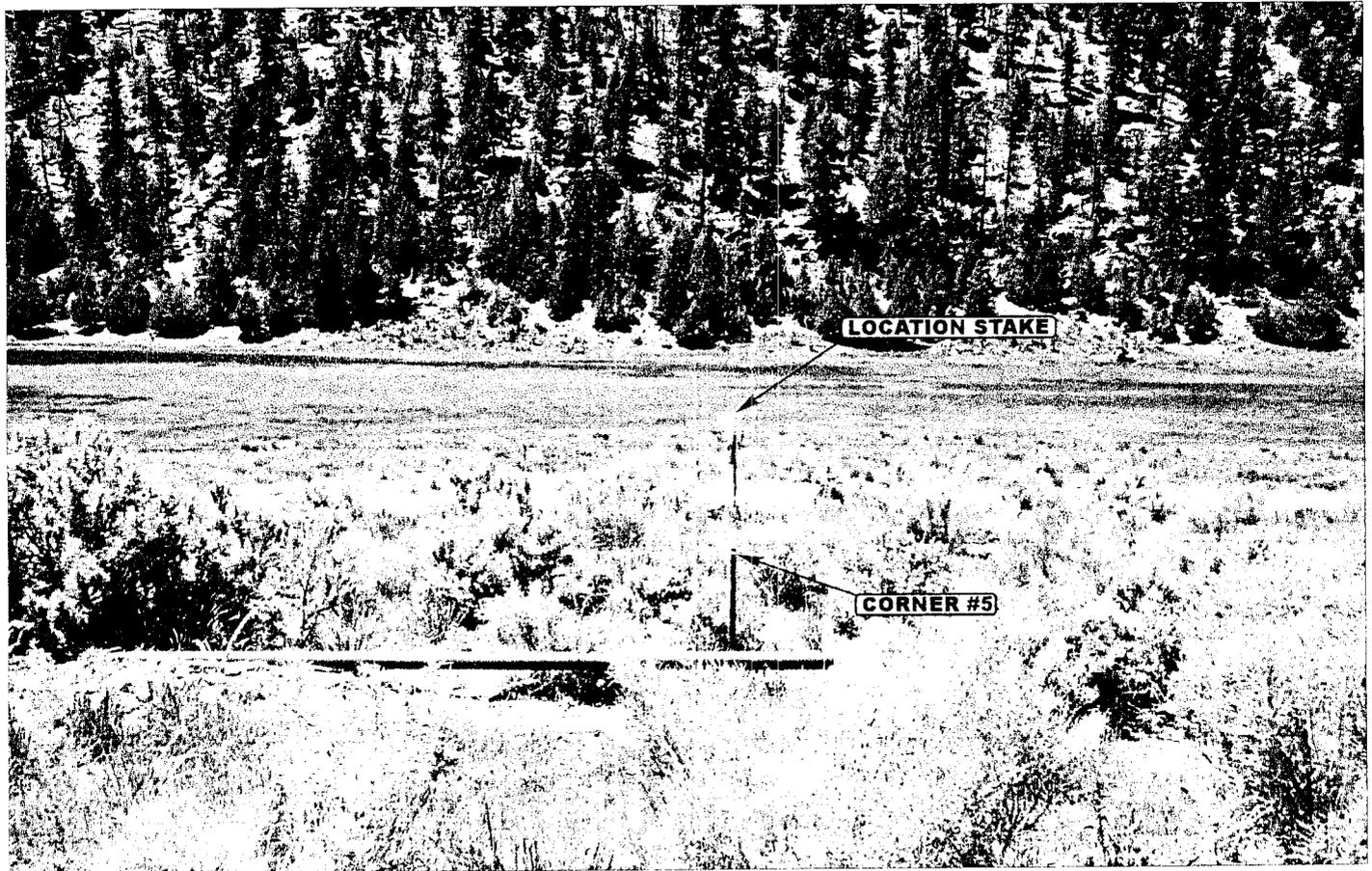


PHOTO: VIEW FROM CORNER #5 TO LOCATION STAKE

CAMERA ANGLE: SOUTHWESTERLY



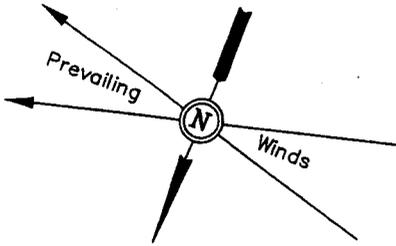
**E.L.S.** Uintah Engineering & Land Surveying  
 85 South 200 East Vernal, Utah 84078  
 435-789-1017 uels@uelsinc.com

LOCATION PHOTOS			5	29	01	PHOTO
			MONTH	DAY	YEAR	
TAKEN BY: B.B.	DRAWN BY: K.G.	REVISED: 00-00-00				

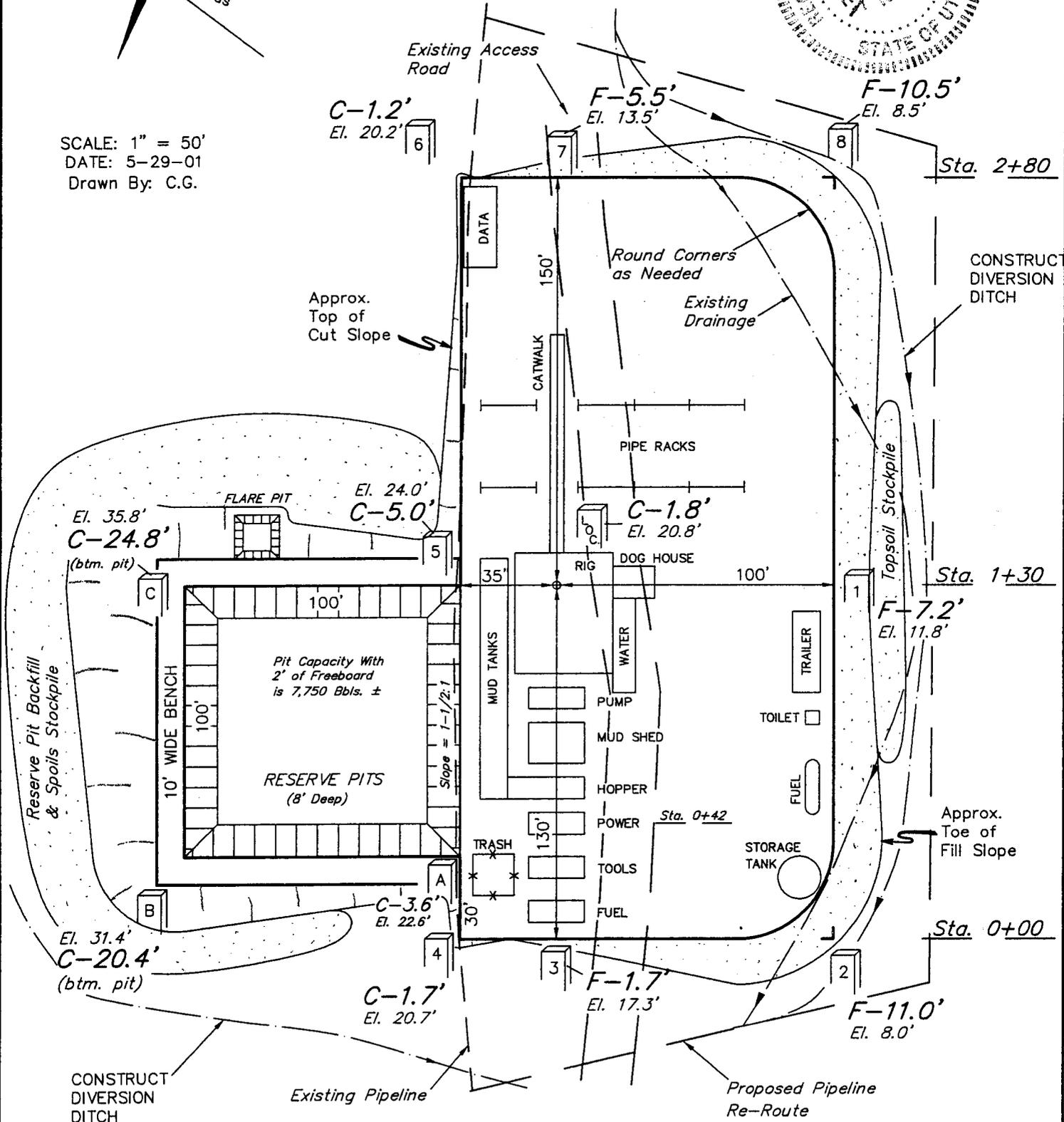
# LOUIS DREYFUS NATURAL GAS CORP.

## LOCATION LAYOUT FOR

FENCE CANYON DeLAMBERT #30-2  
SECTION 30, T15S, R23E, S.L.B.&M.  
691' FSL 1975' FWL



SCALE: 1" = 50'  
DATE: 5-29-01  
Drawn By: C.G.



Elev. Ungraded Ground at Location Stake = 6920.8'  
Elev. Graded Ground at Location Stake = 6919.0'

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

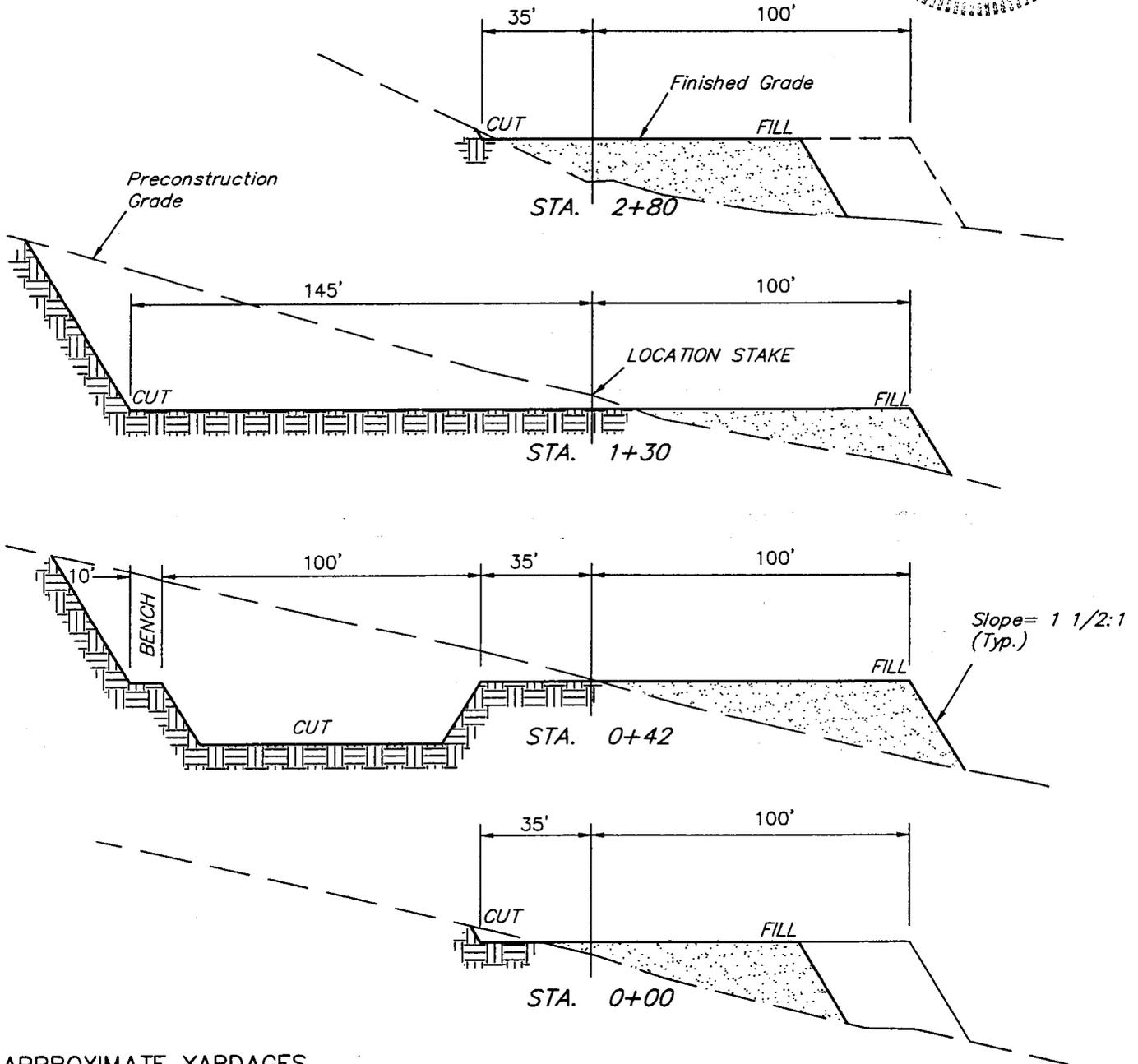
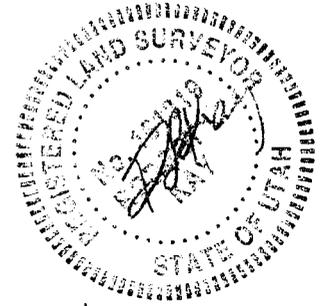
# LOUIS DREYFUS NATURAL GAS CORP.

## TYPICAL CROSS SECTIONS FOR

FENCE CANYON DeLAMBERT #30-2  
SECTION 30, T15S, R23E, S.L.B.&M.  
691' FSL 1975' FWL

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

DATE: 5-29-01  
Drawn By: C.G.

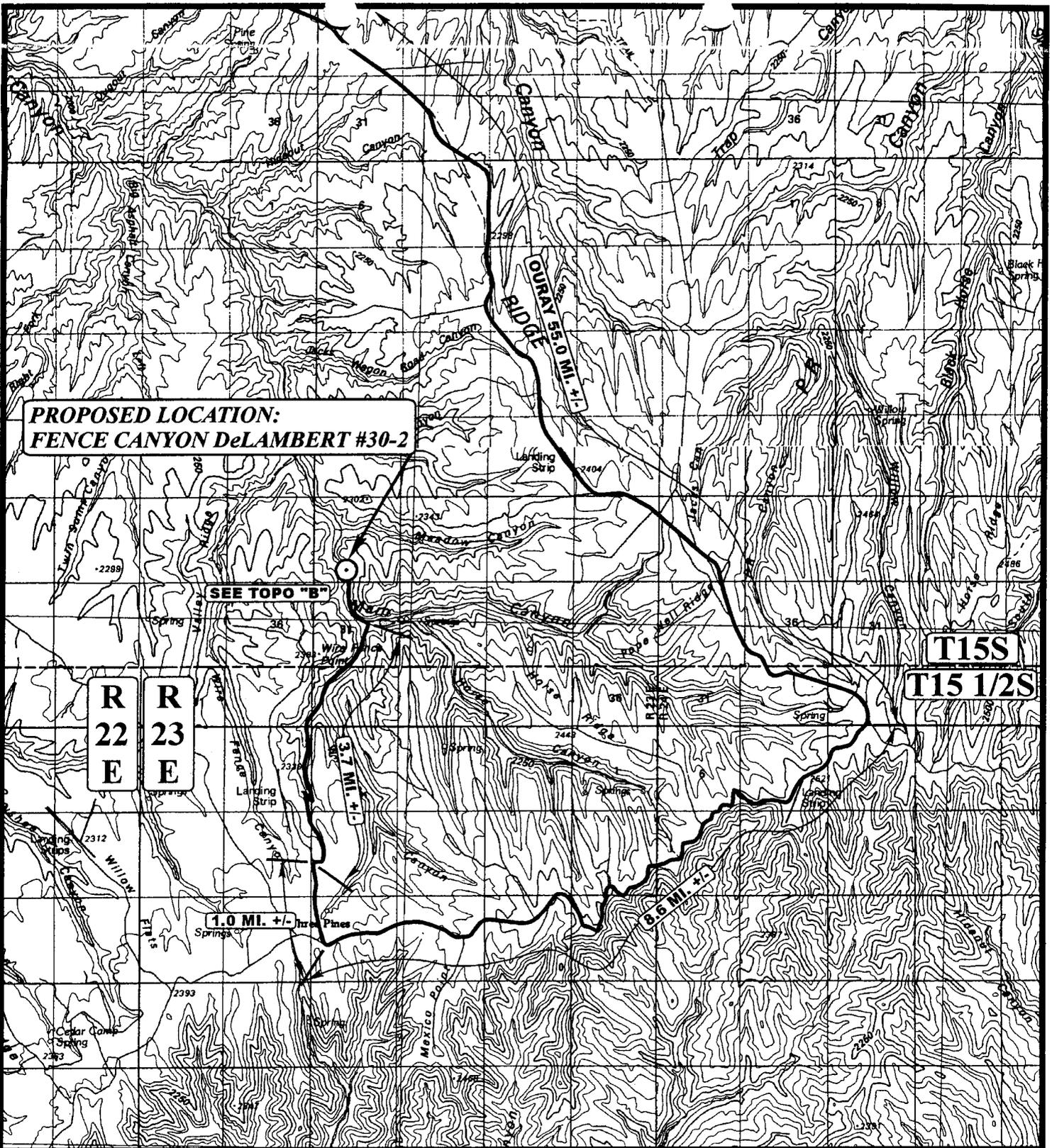


### APPROXIMATE YARDAGES

CUT	
(6") Topsoil Stripping	= 940 Cu. Yds.
Remaining Location	= 8,640 Cu. Yds.
<b>TOTAL CUT</b>	<b>= 9,580 CU.YDS.</b>
<b>FILL</b>	<b>= 7,110 CU.YDS.</b>

EXCESS MATERIAL AFTER 5% COMPACTION	= 2,100 Cu. Yds.
Topsoil & Pit Backfill (1/2 Pit Vol.)	= 2,100 Cu. Yds.
EXCESS UNBALANCE (After Rehabilitation)	= 0 Cu. Yds.

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



**LEGEND:**

○ PROPOSED LOCATION

**LOUIS DREYFUS NATURAL GAS CORP.**

**FENCE CANYON DeLAMBERT #30-2**  
**SECTION 30, T15S, R23E, S.L.B.&M.**  
**691' FSL 1975' FWL**



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

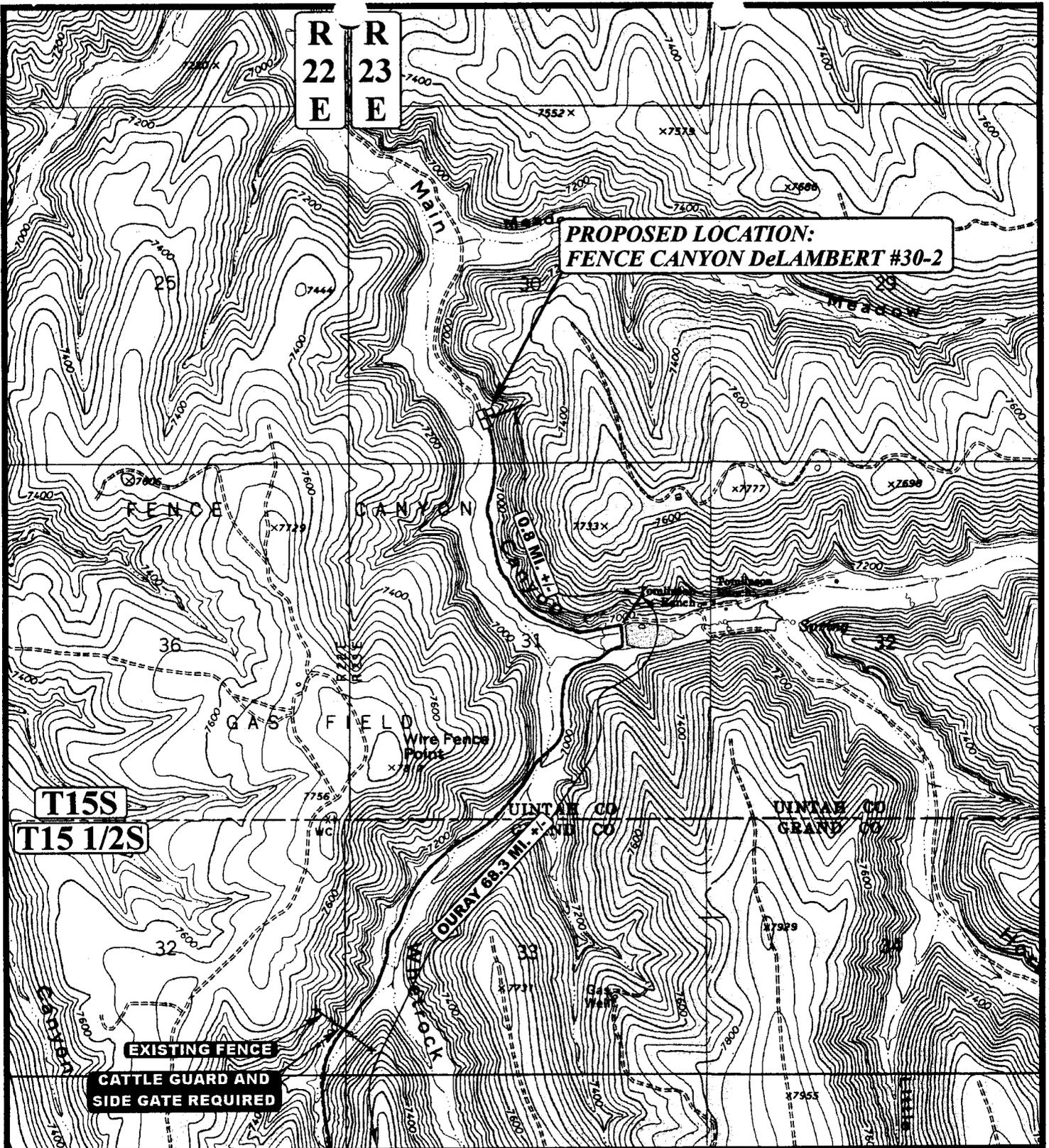


**TOPOGRAPHIC**  
**MAP**

**5** **28** **01**  
 MONTH DAY YEAR

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





**LEGEND:**

- PROPOSED ACCESS ROAD
- EXISTING ROAD

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



**LOUIS DREYFUS NATURAL GAS CORP.**

**FENCE CANYON DeLAMBERT #30-2**  
**SECTION 30, T15S, R23E, S.L.B.&M.**  
**691' FSL 1975' FWL**

**TOPOGRAPHIC** **5 28 01**  
**MAP** MONTH DAY YEAR  
 SCALE: 1" = 2000' DRAWN BY: K.G. [REVISED: 00-00-00]



LAND OWNER CONSENT FORM

TO WHOM IT MAY CONCERN

I, Burton H. DeLambert, THE SURFACE OWNER OF SAID

LAND LOCATED IN SE 1/4/NE, 1/4 Sec. 31, T-15S, R-23E, Uintah County, Utah  
(Legal Description of Land)

DO HEREBY GIVE MY PERMISSION TO LOUIS DREYFUS NATURAL GAS CORP. OR ITS

DULY AUTHORIZED REPRESENTATIVES TO DIVERT WATER FROM A

Pond, LOCATED IN THE SAME LEGAL DESCRIPTION  
(Source)

AND TO PIPE OR HAUL WATER ACROSS THE ABOVE-DESCRIBED PROPERTY.

*for drilling purposes only*

Louis Dreyfus Natural Gas Corp.  
Operator

Fence Canyon DeLambert 30 #2  
Lease Name

Burton H DeLambert  
Signature

Burton H. DeLambert  
Name (Please Print)

P.O. Box 607  
Address

Vernal, Utah 84078  
City, State, Zip

(435) 790-5288  
Telephone Number

491223  
Water Right Number

6-21-01  
Date

\* 7/31/01  
Surf. owner  
per op. lc



July 23, 2001

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

Re: Application for Permit to Drill  
Louis Dreyfus Natural Gas Corp.  
Fence Canyon DeLambert 30 Well No. 2  
Uintah County, Utah

Gentlemen:

Louis Dreyfus Natural Gas Corp. respectfully requests permission to drill our LDNGC Fence Canyon DeLambert 30 well no. 2 located 691' FSL and 1975' FWL of Section 30-T15S-R23E, S.L.B. & M., Uintah County, Utah. The proposed well will be drilled to a TD of approximately 8230'.

DRILLING PROGRAM

1. Estimated tops of important geologic markers:

Castlegate	4027'	TVD
Cedar Mountain	7840'	TVD
Morrison	8027'	TVD

2. Estimated depths at which anticipated water, oil, gas or other mineral bearing formations are expected to be encountered:

Primary Objective:	Dakota/Cedar Mountain Sand	7840' TVD
Secondary Objective:	Morrison Sand	8027' TVD

3. The proposed casing program is as follows:

Surface:	9 5/8"	36# J-55 ST&C casing set at 300'
Intermediate:	7"	23# N-80 LT&C casing set from 0-4350'
Production:	4 1/2"	11.6# N-80 LT&C casing from 0-8230'

4. Casing setting depth and cementing program:

1. 9 5/8" surface casing set at 300' in 12-1/4" hole. Circulate cement with 150 sx. Class G + .005#/sx Static Free + 2% CaCl<sub>2</sub> + .25#/sx. Cello-Seal + .005 gps FP-6L.

If cement does not circulate, a temperature survey will be run to find the TOC and then finish cementing to surface through 1" using Class G with 2% CaCl<sub>2</sub>.

2. 7" intermediate casing set at 4350' in 8 3/4" hole. Circulate cement with 900 sx. 50:50 POZ/G w/2% Bentonite + .005#/sx. Static Free + 1% CaCl<sub>2</sub> + .25#/sx. Cello-Seal + .005 gps FP-6L + 5#/sx. Gilsonite cement to surface.

Note: Cement volumes may be adjusted according to fluid caliper.

3. 4 1/2" production casing set at 8230' in 6 1/8" hole. Cement with 375 sx. Modified H .3%D156 + .3%D65 + 3% D800.

Estimated top of cement is 6000' or 1500' above Dakota silt top.

Note: Cement volumes may need to be adjusted to hole caliper.

5. Pressure Control Equipment

0' - 300'	None
300' - 4350'	11" 3000# ram type preventers with one set blind rams and one set pipe rams and a 3000# annular preventer.
4350' - 8230'	11" 3000# ram type preventers with one set blind rams and one set pipe rams and a 3000# annular type preventer. A choke manifold accumulator with floor and remote operating stations and auxiliary power system. Rotating head below 4900'. Exhibit A & B.

A kelly cock will be installed and maintained in operable condition and a drill string safety valve in the open position will be available on the rig floor.

After setting the 7" casing, the blowout preventers and related control equipment shall be pressure tested to 3000 psi. Any equipment failing to test satisfactorily shall be repaired or replaced. Results of the BOP test will be recorded in the Driller's Log. The BOP's will be maintained ready for use until drilling operations are completed.

BOP drills will be conducted as necessary to assure that equipment is operational and each crew is properly trained to carry out emergency duties.

Accumulatory shall maintain a pressure capacity reserve at all times to provide for the close-open-close sequence of the blind and pipe rams of the preventers.

6. Mud Program:

0' - 300' Sweep hole as needed. Fresh water/native mud. Lime for pH control (9-10). Paper for seepage. Wt. 8.5 – 8.8 ppg, vis 32 - 34 sec.

300' - 4350' Fresh water. Lime for pH control (10 - 10.5). Paper for seepage. Wt. 8.3 - 8.9 ppg, vis 28 - 32 sec., adjust filtrate. Below 2500' 8.9 to 10 cc.

4350' - 8230' Air drill. Use Baracat for well stability as needed.

7. Testing, Logging and Coring Program:

1. Testing program: No DST's are anticipated.
2. Mud logging program: One-man unit from 3000' to TD.
3. Electric logging program: CNL/LDT/CAL/GR, DLL/CAL/GR.
4. Coring program: Possible sidewall rotary cores.

8. No abnormal temperatures, conditions, pressures, H<sub>2</sub>S gas, or hazards anticipated. BHP expected to be max 2500 psi on nearby wells.

Anticipated starting date is September 1, 2001. It should take 3 - 5 days for construction, approximately 25 days to drill the well and another 7 - 14 days to complete.

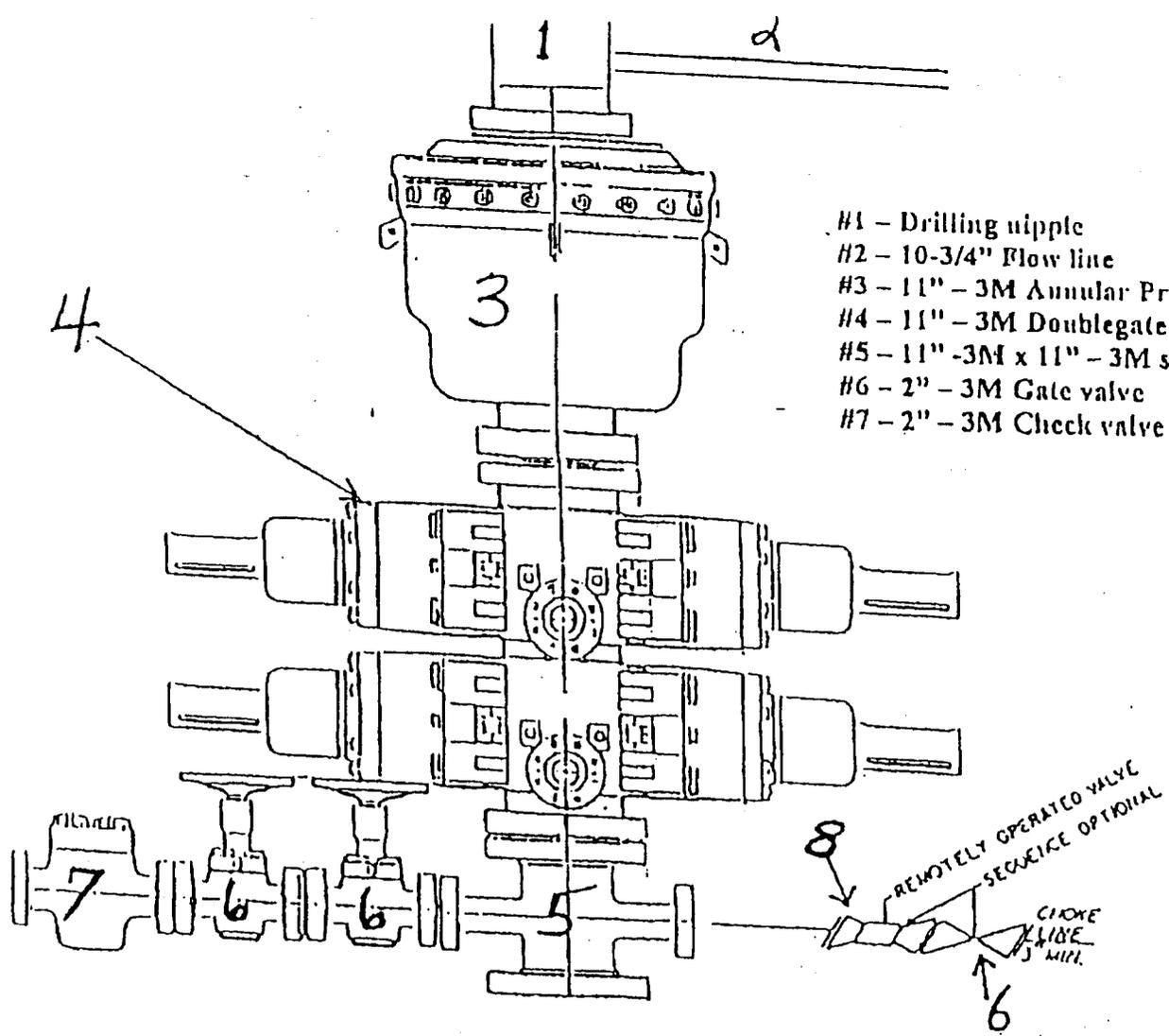
If you need additional information to evaluate this application, please call me at (405) 749-5263.

Sincerely,

LOUIS DREYFUS NATURAL GAS CORP.



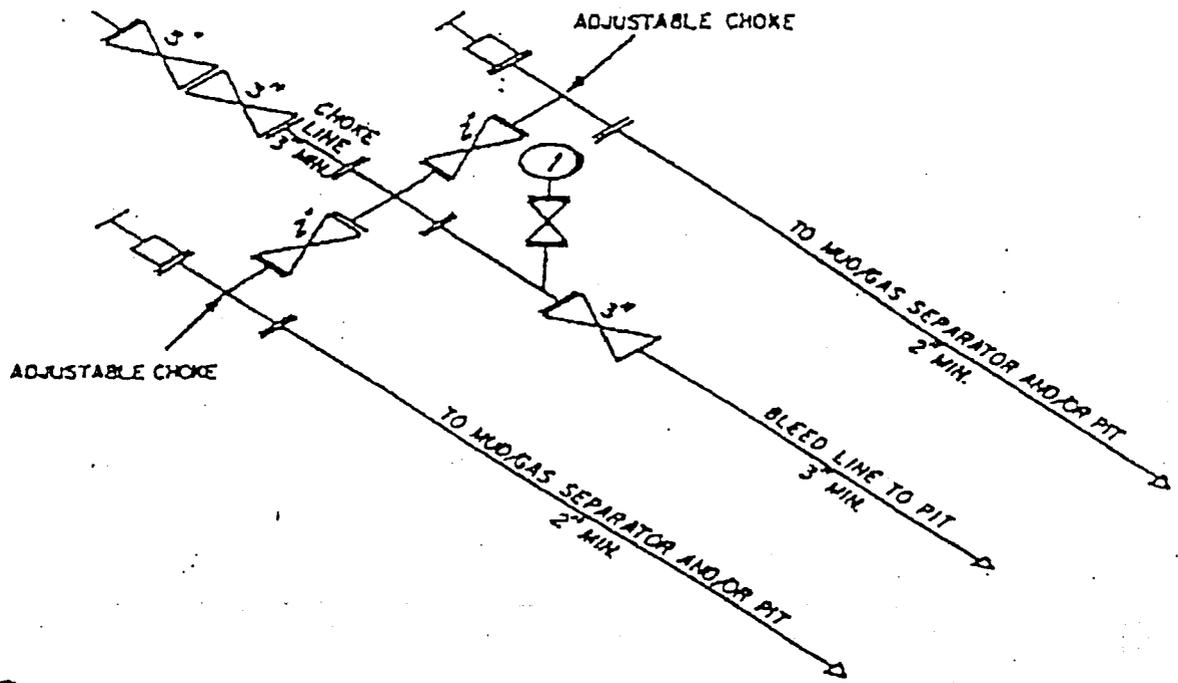
Carla Christian  
Regulatory Technician



- #1 - Drilling nipple
- #2 - 10-3/4" Flow line
- #3 - 11" - 3M Annular Preventer
- #4 - 11" - 3M Doublegate with pipe rams and CSO rams
- #5 - 11" - 3M x 11" - 3M spool with 2-3" - 3M flange outlets
- #6 - 2" - 3M Gate valve
- #7 - 2" - 3M Check valve

11" - 3M Doublegate with Annular Preventer

EXHIBIT 1



② 3M CHOKE MANIFOLD EQUIPMENT — CONFIGURATION OF CHOKES MAY VARY

EQUIPMENT

EXHIBIT TO A - 3

A - 3. The Operator's Minimum Specifications for Pressure Control

EXHIBIT are schematic diagrams of the blowout preventer equipment. A 2,000# blowout preventer will be installed, used, maintained and tested in accordance with all requirements specified in Section III.A-1 of Onshore Order 2, except where variations are presented in this application.

Minimum standards outlined in Onshore Order 2 will be met for BOP, choke, manifold, accumulator, and locking devices. Hydraulic controls will be located on the rig floor. Manual controls will be handwheels. Remote control for the accumulator will be 100'-200' from the drill hole. The kill line will not be used as a fill-up line.

Ram type preventers and associated equipment (choke manifold, kelly cocks, etc.) shall be pressure tested to 100% of their rated working pressure for a period of 10 minutes. Annular preventers shall be tested to 50% of their rated working pressure for a period of 10 minutes. Tests will be run after initial installation, prior to drilling out of each casing shoe and after use under pressure, or a minimum of once every 30 days. Pipe rams will be operationally checked each 24 hour period, as will blind rams and annular preventer each time pipe is pulled out of the hole. Annular preventers will be functionally operated at least weekly. Such checks of BOPE will be noted on daily drilling reports.

See  
postmark  
if a postmark  
is not here  
Sat 9/22/00

LOST copy Produce 9/22/00

BOND NUMBER 400SC0845  
Corporate Surety Bond

STATE OF UTAH  
BOND OF LESSEE

KNOW ALL MEN BY THESE PRESENTS, that we LOUIS DREYFUS NATURAL GAS CORP.  
of 14000 QUAIL SPRINGS PARKWAY, OKLAHOMA CITY, OK 73134 as principal and  
ST. PAUL FIRE AND MARINE INSURANCE COMPANY as surety, are held and firmly bound  
unto the State of Utah in the sum of EIGHTY THOUSAND Dollars (\$80,000.00) lawful money of the United States  
to be paid to the School & Institutional Trust Lands Administration, as agent for the State of Utah, for the use and benefit  
of the State of Utah, and of any patentee or purchaser of any portion of the land covered by the hereinafter described  
lease heretofore sold or which may hereafter be sold with a reservation to the State of Utah, on the surface or of other  
mineral deposits of any portion of such lands, for which payment, well and truly to be made, we bind ourselves, and each  
of us, and each of our heirs, executors, administrators, successors, sublessees, and assignees, jointly and severally by  
these presents.

Signed with our hands and seals this 28TH day of AUGUST, 2000.

The condition of the foregoing obligation is such that,

*State Lease Bond only. fe*

WHEREAS, The State of Utah, as Lessor, issued a(n) \_\_\_\_\_  
lease, Lease Number \_\_\_\_\_ and dated \_\_\_\_\_, to \_\_\_\_\_  
as lessee (and said lease has been duly assigned under date of \_\_\_\_\_  
to \_\_\_\_\_) to drill for, mine, extract, and remove all of the \_\_\_\_\_  
deposits in and under the following described lands, to wit:

STATEWIDE BOND; TO COVER ALL LEASES, ALL OPERATIONS

NOW, THEREFORE, the principal and surety shall be obligated to pay all monies, rentals, royalties, costs of  
reclamation, damages to the surface and improvements thereon and any other damages, costs, expenses, penalties, interest  
or liabilities which arise by operation of or in connection with the above described lease(s) accruing to the Lessor and  
shall fully comply with all other terms and conditions of said lease, the rules, regulations, and policies relating thereto  
of the School & Institutional Trust Lands Administration, the Board of Oil, Gas and Mining, and the Division of Oil,  
Gas and Mining as they may now exist or may from time to time be modified or amended. This obligation is in effect  
even if the principal has conveyed part of its interest to a successor in interest. If the principal fully satisfies the above  
described obligations, then the surety's obligation to make payment to the State of Utah is void and of no effect  
otherwise, it shall remain in full force and effect until released by the School & Institutional Trust Lands Administration.

Signed, sealed and delivered  
in the presence of  
Jessie L. Wise  
Witness

LOUIS DREYFUS NATURAL GAS CORP.  
Kevin R. White (SEAL)  
Principal

Jessie L. Wise  
Witness

BONDING COMPANY ST. PAUL FIRE AND MARINE  
INSURANCE COMPANY  
BY Barbara Guzzardo  
BARBARA GUZZARDO  
Attest: Debra L. Memory

APPROVED AS TO FORM:  
JAN GRAHAM  
ATTORNEY GENERAL

Resident Agent: NOT REQUIRED

By [Signature]

Bonding Co. Address: 160 WATER STREET, 12TH FLOOR  
NEW YORK, NY 10038 (212) 509-8500  
Corporate Seal of Bonding Company Must be Affixed.

STATE OF UTAH  
DEPARTMENT OF COMMERCE

REGISTRATION

LOUIS DREYFUS NATURAL GAS CORP.

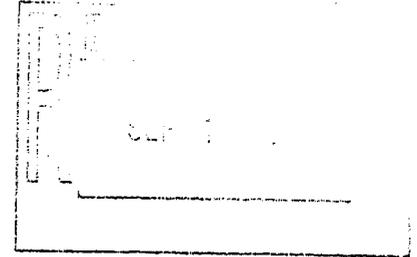
EFFECTIVE  
08/04/2000

EXPIRATION  
\*RENEWAL

REFERENCE NUMBER(S), CLASSIFICATION(S) & DETAIL(S)

Corporation - Foreign - Profit  
4805259-0143

CT CORPORATION SYSTEM  
LOUIS DREYFUS NATURAL GAS CORP.  
50 W BROADWAY  
SALT LAKE CITY UT 84101



STATE OF UTAH  
DEPARTMENT OF COMMERCE  
DIVISION OF CORPORATIONS & COMMERCIAL CODE  
REGISTRATION

EFFECTIVE DATE: 08/04/2000

EXPIRATION DATE: \*RENEWAL

ISSUED TO: LOUIS DREYFUS NATURAL GAS CORP.



REFERENCE NUMBER(S), CLASSIFICATION(S) & DETAIL(S)

4805259-0143 Corporation - Foreign - Profit

\*RENEWAL

You will need to renew your registration each anniversary date of the effective date.

Exceptions: DBAs and Business Trusts renew every three (3) years from the effective date.



MONTGOMERY  
ARCHAEOLOGICAL  
CONSULTANTS

Box 147, 322 East 100 South, Moab, Utah 84532 (435) 259-5764 Fax (435) 259-5608

June 2, 2001

Mr. Gene Simer  
Louis Dreyfus Natural Gas Corporation  
P.O. Box 370  
Carlsbad, NM 88221

Dear Mr. Simer:

Enclosed find a copy of the report entitled "Cultural Resource Inventory of Cultural Resource Inventory of Well Locations Fence Canyon Delambert #30-2, Fence Canyon #31-2 and Fence Canyon #32-2, Uintah County, Utah. The inventory resulted in a finding of no cultural resources. Based on the finding, a determination of "no historic properties affected" is recommended for the project pursuant to Section 106, CFR 800.

If you have any questions or comments please call me. We appreciate the opportunity in providing consultant services for this project.

Sincerely,

Keith R. Montgomery  
Principal Investigator

cc: H. Blaine Phillips, Archaeologist, BLM Vernal Field Office  
Kenny Wintch, SITLA Archaeologist, SLC  
James Dykmann, Compliance Archaeologist, Utah SHPO, SLC

CULTURAL RESOURCE INVENTORY OF WELL LOCATIONS  
FENCE CANYON DELAMBERT #30-2, FENCE CANYON #31-2  
AND FENCE CANYON #32-2, UINTAH COUNTY, UTAH

By:

Keith R. Montgomery

Prepared For:

Bureau Of Land Management  
Vernal Field Office  
and  
State of Utah  
School and Institutional  
Trust Land Administration

Prepared Under Contract With:

Louis Dreyfus Natural Gas Corporation  
P.O. Box 370  
Carlsbad, NM 88221

Prepared By:

Montgomery Archaeological Consultants  
P.O. Box 147  
Moab, Utah 84532

June 2, 2001

MOAC 01-71

United States Department of Interior (FLPMA)  
Permit No. 01-UT-60122

State of Utah Antiquities Project (Survey)  
Permit No. U-01-MQ-0289b,p,s

## INTRODUCTION

A cultural resource inventory was conducted by Montgomery Archaeological Consultants (MOAC) of three proposed well locations for Louis Dreyfus Natural Gas Corporation. The well locations are designated Fence Canyon DeLambert #30-2, Fence Canyon #32-2 and Fence Canyon #32-1. The survey was implemented at the request of Mr. Gene Simer, Louis Dreyfus Natural Gas Corporation, Carlsbad, New Mexico. The project is situated on public land administered by the Bureau of Land Management (BLM), Vernal Field Office, on State of Utah Trust Lands Administration (SITLA) and private.

The objectives of the inventory was to locate, document, and evaluate any cultural resources within the project area in order to comply with Section 106 of 36 CFR 800, the National Historic Preservation Act of 1966 (as amended). Also, the inventory was implemented to attain compliance with a number of federal and state mandates, including the National Environmental and Policy Act of 1969, the Archaeological and Historic Conservation Act of 1972, the Archaeological Resources Protection Act of 1979, the American Indian Religious Freedom Act of 1978, and the Utah State Antiquities Act of 1973 (amended 1990).

The fieldwork was performed on June 1, 2001 by Keith R. Montgomery, Principal Investigator. The survey was carried out under the auspices of U.S.D.I. (FLPMA) Permit No. 01-UT-60122, and State of Utah Antiquities Permit (Survey) No. U-01-MQ-0289b,p,s issued to Montgomery Archaeological Consultants, Moab, Utah.

A file search for previous cultural resource inventories and archaeological sites was performed on May 31, 2001 by Kristin Jensen at the Division of State History, Salt Lake City. This consultation indicated that a number of surveys have been completed in the project area. In 1981, Gordon & Kranzush inventoried a pond and pipeline for Coseka Resources, finding no archaeological sites (Knox 1981). Also in 1981, well location #31-10 was surveyed by Powers Elevation, yielding no cultural resources (Frampton 1981). In 1982, a well location and access road was inspected by Gordon & Kranzush, resulting in the documentation of an ineligible lithic scatter (Gordon 1982). Grand River Consultants inventoried a pipeline in Main Canyon that resulted in the documentation of a significant alcove and rock art site (42Un1241) (Babcock 1982). The pictograph panel depicts a horse and rider, affiliated with the late prehistoric Ute culture. Another section of Northwest Pipeline Corporation pipeline was inspected by Grand River Consultants in 1983, finding a significant rock art panel associated with an alcove (42Un1075) (Babcock and Harley 1983). The petroglyphs and pictographs include a series of quadrupeds and anthropomorphs associated with a deer hunt, probably of Ute affiliation. In 1991, a survey was conducted by Archeological-Environmental Research Corporation for the Seep Ridge alternative highway (Hauck 1991). During this project the rock art/alcove (42Un1075) was re-recorded with the panels drawn to scale. Metcalf Archaeological Consultants surveyed several well locations for Beartooth Oil and Gas Company in 1994, finding no new cultural resources (Pool 1994).

## DESCRIPTION OF PROJECT AREA

The project area is situated in the Main Canyon locality adjacent to the Fence Canyon Gas Field, Uinta County, Utah (Figure 1). Proposed well location Fence Canyon DeLambert #30-2 is situated along Main Canyon T 15S, R 23E, Sec. 30 SE/SW. Proposed well location Fence Canyon #31-2 occurs at the confluence of Main Canyon and Whetrock Canyon in T 15S, R 23E, Sec. 31 NW/SE. Proposed well location Fence Canyon #32-2 is located on a ridge between Main Canyon and Meadow Canyon in T 15S, R 23E, Sec. 32 NW/NW. All the locations are accessed by existing graded roads.

The project area lies within the Bookcliffs-Roan Plateau physiographic unit, characterized by a system of linear cliffs (Stokes 1986:231). The inventory area occurs along on the alluvium-filled canyon floor and narrow ridge tops. Geologically, the project area is composed of the Eocene age Green River formation. This is a lacustrine deposit containing claystone, sandstone, and carbonate beds of a variety of colors (e.g., red, green, gray, brown and black) (Stokes 1986:154). Prehistorically, the tabular sandstone from the Green River formation was employed as building materials, and a dark brownish chert was exploited for lithic tool manufacturing (Spangler 1986). The elevation of the project area varies between 6960 ft and 7780 ft. The nearest water source is in Main Canyon. Situated within the Upper Sonoran Life Zone, the project area supports a desert shrub community with a pinyon-juniper/mixed conifer forest along the upper canyon slopes. Observed plant species included Douglas fir, ponderosa pine, pinyon, juniper, sagebrush, mountain mahogany, spineless horsebrush, and oak brush. Modern disturbances include roads, livestock grazing, and oil/gas development.

## SURVEY METHODOLOGY

An intensive pedestrian survey was performed for this project which is considered 100% coverage. At each of the proposed well locations a 10 acre square was defined, centered on the well pad center stake. The inventory areas were surveyed by the archaeologist walking parallel transects, spaced no more than 10 meters (30 feet) apart. Ground visibility was considered from fair to good. A total of 30 acres was inventoried for the project that included 10 acres on BLM (Vernal Field Office) administered land, 10 acres on SITLA land, and 10 acres under private ownership.

## RESULTS AND RECOMMENDATIONS

The inventory of Louis Dreyfus Natural Gas Corporation's three proposed well locations resulted in no cultural resources. Based on the findings, a determination of "no historic properties affected" is recommended for the project pursuant to Section 106, CFR 800.



## REFERENCES CITED

- Babcock, T.F.  
1982 Archaeological Survey of Northwest Pipeline Corporation's Well Tie to Squire #1 (R/W 81870), Grand and Uintah County, Utah. Grand River Consultants, Report No. U-82-GC-248b.
- Babcock, T.F., and J.D. Hartley  
1983 Archaeological Survey of Northwest Pipeline Corporation's Well Tie to Coseka 7-30-15-23, Uintah County, Utah. Grand River Consultants, Report No. U-83-GC-0488b.
- Frampton, F.  
1981 Cultural Resource Management Report of Federal #31-10 Well Location in Uintah County, Utah. Powers Elevation, Archaeology Division, Denver.
- Gordon, E.K.  
1982 Cultural Resource Inventory of Coseka Resource's 15-11-15-23 Well Location in Uintah County, Utah. Gordon & Kranzush, Inc.
- Hauck, F.R.  
1991 An Investigation of the Seep Ridge-Book Cliffs-Red Wash-Hay Canyon-Whetrock Canyon & Interstate 70 Exit 220 Alternative Highway Routes in Uintah and Grand Counties, Utah. Archeological-Environmental Research Corporation, Bountiful, UT.
- Knox, D.A.  
1981 Cultural Resource Inventory of Coseka Resource's Tomlinson Pond and Pipeline in Uintah County, Utah. Gordon & Kranzush, Inc.
- Pool, K.  
1994 Beartooth Oil and Gas Company's Proposed Pipeline Connection Duncan Federal #1 and Squire #1, in Uintah County, Utah. Metcalf Archaeological Consultants, Eagle, CO. Report No. U-94-MM-654.
- Spangler, J.D.  
1995 Paradigms and Perspectives: A Class I Overview of Cultural Resources in the Uinta Basin and Tavaputs Plateau. Uinta Research, Salt Lake City.
- Stokes, W.L.  
1986 *Geology of Utah*. Utah Museum of Natural History and Utah Geological and Mineral Survey, Salt Lake City.

**WORKSHEET  
APPLICATION FOR PERMIT TO DRILL**

APD RECEIVED: 07/25/2001

API NO. ASSIGNED: 43-047-33530
--------------------------------

WELL NAME: FENCE CYN DELAMBERT 30-2  
 OPERATOR: LOUIS DREYFUS NAT GAS ( N1710 )  
 CONTACT: CARLA CHRISTIAN  
Rusty Waters (405) 749-5282

PHONE NUMBER: 405-749-1300

PROPOSED LOCATION:  
 SESW 30 150S 230E  
 SURFACE: 0691 FSL 1975 FWL  
 BOTTOM: 0691 FSL 1975 FWL  
 UINTAH  
 FENCE CANYON ( 200 )

INSPECT LOCATN BY: / /		
Tech Review	Initials	Date
Engineering	DKD	8/21/01
Geology		
Surface		

LEASE TYPE: 4 - Fee  
 LEASE NUMBER: FEE  
 SURFACE OWNER: 4 - Fee

PROPOSED FORMATION: DK-CM

RECEIVED AND/OR REVIEWED:

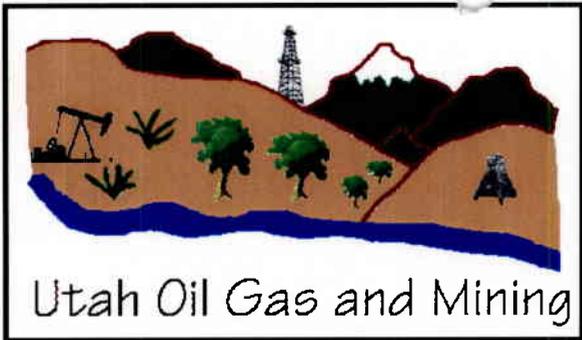
- Plat
- Bond: Fed[] Ind[] Sta[] Fee[4]  
(No. 400SH5879 )
- Potash (Y/N)
- Oil Shale 190-5 (B) or 190-3 or 190-13
- Water Permit  
(No. 49-1223 )
- RDCC Review (Y/N)  
(Date: )
- Fee Surf Agreement (Y/N)

LOCATION AND SITING:

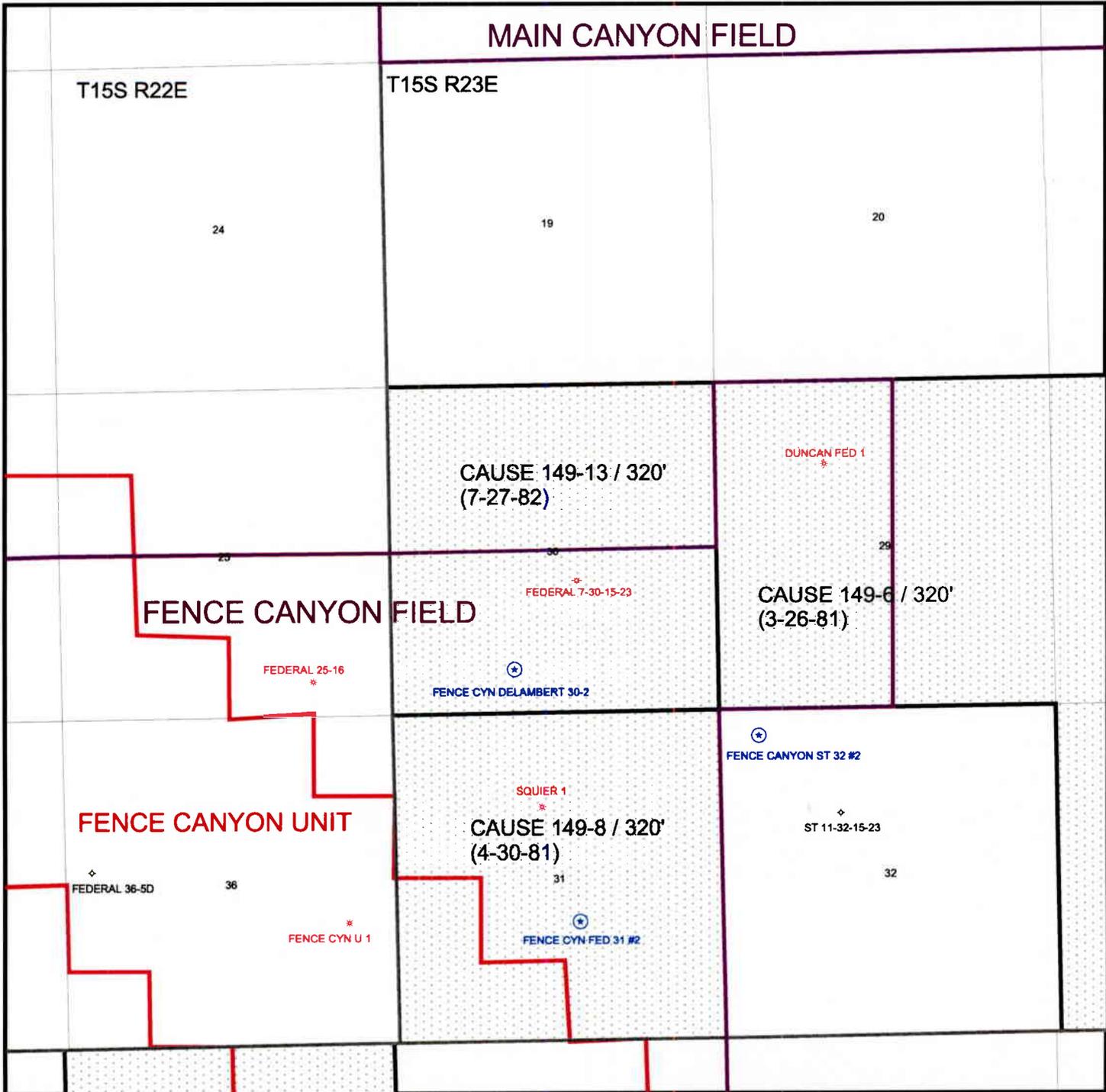
- R649-2-3. Unit \_\_\_\_\_
- R649-3-2. General
- Siting: 460 From Qtr/Qtr & 920' Between Wells
- R649-3-3. Exception
- Drilling Unit  
 Board Cause No: 149-13 (320')  
 Eff Date: 7-29-82  
 Siting: 1000' fr. Dr. Unit Boundary & 2500' fr. another well, 500' tolerance for each.
- R649-3-11. Directional Drill

COMMENTS: Need Permit (08-08-01)

STIPULATIONS: ① STATEMENT OF BASIS



OPERATOR: LOUIS DREYFUS NATL GAS (N1710)  
 SEC. 30, T15S, R23E  
 FIELD: FENCE CANYON (200)  
 COUNTY: UINTAH CAUSE: 149-13 / 320'



Hugh C. Garner  
James W. Carter  
HUGH C. GARNER & ASSOCIATES, p.c.  
1100 Kennecott Building  
Salt Lake City, Utah 84133  
Telephone: (801) 532-5660

BEFORE THE BOARD OF OIL, GAS AND MINING  
DEPARTMENT OF NATURAL RESOURCES  
IN AND FOR THE STATE OF UTAH

-----  
IN THE MATTER OF THE APPLICATION \*  
OF TXO PRODUCTION CORP. FOR AN \*  
ORDER EXTENDING DRILLING AND \*  
SPACING UNITS AS ESTABLISHED BY \*  
THIS BOARD'S ORDER IN CAUSE NO. \*  
149-1 FOR THE CASTLEGATE MEMBER \*  
OF THE MESA VERDE FORMATION, THE \*  
BRUSHY BASIN MEMBER OF THE \*  
MORRISON FORMATION, THE SALT WASH \*  
MEMBER OF THE MORRISON FORMATION, \*  
THE DAKOTA, CEDAR MOUNTAIN AND \*  
ENTRADA FORMATIONS, UNDERLYING \*  
SECTION 30 OF TOWNSHIP 15 SOUTH, \*  
RANGE 23 EAST, S.L.M. *Utah Co.* \*

O R D E R

Cause No. 149-13

-----  
Pursuant to the application of TXO Production Corp., this  
cause came on for hearing before the Board of Oil, Gas & Mining,  
Department of Natural Resources, State of Utah, on Monday, July 26,  
1982 at 10:00 A.M. in Room 303 of the State Capital Building, Salt  
Lake City, Utah. The following Board members were present:

Charles R. Henderson, Chairman

Herm Olson, Presiding

Edward T. Beck

Margaret Bird

John L. Bell

E. Steele McIntyre

Robert R. Norman

Appearances were made as follows:

For TXO Production Corp. (Applicant): Hugh C. Garner,  
Esq., 1100 Kennecott Building, Salt Lake City, Utah 84133.

*149-13*

For US Companies, Inc. (Applicant): Robert G. Pruitt, Jr., Esq., 36 South State, Salt Lake City, Utah 84111.

NOW THEREFORE, the Board having considered the testimony adduced and the exhibits reviewed in said hearing and being fully advised in the premises by the parties, now makes and enters the following:

FINDINGS

1. Due and regular notice of the time, place and purpose of the hearing was given to all interested parties as required by law and the rules and regulations of the Board.
2. The Board has jurisdiction over the subject matter of said application and over all parties interested therein and has jurisdiction to make and promulgate the order hereinafter set forth.
3. This Board has previously entered its order in Cause No. 149-1, establishing 320-acre drilling and spacing units for the Dakota and Morrison Formations underlying Sections 31 and others of Township 15 South, Range 23 East, S.L.M.
4. The Castlegate Member of the Mesa Verde, Dakota, Buckhorn, Morrison and Entrada Formations are believed to underly the above-described land and to constitute a source of supply of natural gas.
5. All available geological and engineering data concerning the area indicates that one well will adequately drain all recoverable gas from each sand interval or zone underlying 320 surface acres of the above described area and the 320 surface acres is the maximum area that may be drained efficiently and economically by one well.
6. In order to avoid the drilling of unnecessary wells, to protect the correlative rights of all parties concerned, to insure proper and efficient development and to promote conservation of the gas resources of this state, an order should be made establishing drilling units for the production of gas from the Dakota and Morrison

Formations underlying Section 30, Township 15 South, Range 23 East, S.L.M.

7. Sufficient evidence now being available upon which to reach a decision and in the absence of any objection, the Board issues the following:

ORDER

IT IS HEREBY ORDERED by this Board as follows:

To prevent waste of oil, gas and associated hydrocarbons, to avoid the drilling of unnecessary wells, to protect correlative rights and to establish drilling units of uniform size and shape, the Board hereby establishes two drilling units of 320 acres in Section 30, Township 15 South, Range 23 East, S.L.M., running in a north/south direction, comprising the E1/2 of said Section 30 and the W1/2 of said Section 30, according to the government survey of the above described lands as an extension of its Order in Cause No. 149-1.

On each drilling unit, one well may be completed and produced. The permitted wells for the drilling unit shall be located consistent with the 320-acre spacing unit and shall be located not nearer than 1,000 feet from the spacing unit boundary with a 500-foot tolerance to be granted administratively for geological and/or topographical exceptions, and no closer than 2,500 feet from a producing well in the adjacent area, and that a 500-foot tolerance be permitted in the footage between wells in the event surface obstructions or undue hazards are encountered.

DATED this 27th day of July, 1982.

BOARD OF OIL, GAS & MINING  
State of Utah

  
CHARLES R. HENDERSON, Chairman

HERM OLSEN, Presiding

*John L. Bell*  
\_\_\_\_\_  
JOHN L. BELL

\_\_\_\_\_  
ROBERT R. NORMAN

*Margaret Bird*  
\_\_\_\_\_  
MARGARET BIRD

*E. Steele McIntyre*  
\_\_\_\_\_  
E. STEELE MCINTYRE

*Edward T. Beck*  
\_\_\_\_\_  
EDWARD T. BECK

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

**OPERATOR:** LOUIS DREYFUS NATURAL GAS CORP.  
**WELL NAME & NUMBER:** FENCE CANYON DELAMBERT 30-2  
**API NUMBER:** 43-047-33530  
**LEASE:** FEE **FIELD/UNIT:** FENCE CANYON/DAKOTA  
**LOCATION:** 1/4,1/4 SE/SW SEC: 30 TWP:15S RNG: 23E  
1975' F W L 691' F S L  
**LEGAL WELL SITING:** Board Spaced area requiring  
1000 Setback and 2500 From another well.  
**GPS COORD (UTM):** 12638697E 4371097N  
**SURFACE OWNER:** BURTON H. DELAMBERT

**PARTICIPANTS:**

DAVID HACKFORD, (D.O.G.M.), BURTON DELAMBERT, (LANDOWNER), ROBERT KAY (U.E.L.S.). MR. KAY ALSO REPRESENTED LOUIS DREYFUS CORP.

**REGIONAL/LOCAL SETTING & TOPOGRAPHY:**

SITE IS IN THE BOTTOM OF MAIN CANYON ALONG THE EAST SIDE. THIS CANYON BOTTOM IS RELATIVELY FLAT AND APPROX. 1,000' WIDE WITH EXTREMELY STEEP AND RUGGED WALLS REACHING 800' ABOVE CANYON FLOOR. MAIN CANYON DRAINS TO THE NORTH.

**SURFACE USE PLAN:**

CURRENT SURFACE USE: WILDLIFE AND LIVESTOCK GRAZING. SITE IS ADJACENT TO AN IRRIGATED HAY FIELD.

PROPOSED SURFACE DISTURBANCE: LOCATION WOULD BE 280' BY 200' AN ACCESS ROAD WILL NOT BE NECESSARY.

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. AN EXISTING PIPELINE CROSSES SITE.

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

ANCILLARY FACILITIES: NONE WILL BE REQUIRED.

**WASTE MANAGEMENT PLAN:**

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

**ENVIRONMENTAL PARAMETERS:**

AFFECTED FLOODPLAINS AND/OR WETLANDS: NONE

FLORA/FAUNA: NATIVE GRASSES, SAGEBRUSH, OAKBRUSH, PINION, JUNIPER, : DOMESTIC LIVESTOCK, COYOTES, SONGBIRDS, RAPTORS, ELK, DEER, BEAR, COUGAR.

SOIL TYPE AND CHARACTERISTICS: LIGHT BROWN SANDY LOAM.

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

PALEONTOLOGICAL POTENTIAL: NONE OBSERVED.

**RESERVE PIT:**

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

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

**SURFACE RESTORATION/RECLAMATION PLAN:**

AS PER LANDOWNER AGREEMENT.

**SURFACE AGREEMENT: NOT SIGNED AT THIS TIME.**

**CULTURAL RESOURCES/ARCHAEOLOGY: SITE IS ON FEE LAND.**

**OTHER OBSERVATIONS/COMMENTS:**

THE PRE-DRILL INVESTIGATION TOOK PLACE ON A HOT SUMMER DAY.

DAVID W. HACKFORD  
DOGM REPRESENTATIVE

8/8/01-9:30 AM  
DATE/TIME

**Evaluation Ranking Criteria and Ranking Score  
For Reserve and On-site Pit Liner Requirements**

<u>Site-Specific Factors</u>	<u>Ranking</u>	<u>Site Ranking</u>
<b>Distance to Groundwater (feet)</b>		
>200	0	
100 to 200	5	
75 to 100	10	
25 to 75	15	
<25 or recharge area	20	<u>10</u>
<b>Distance to Surf. Water (feet)</b>		
>1000	0	
300 to 1000	2	
200 to 300	10	
100 to 200	15	
< 100	20	<u>2</u>
<b>Distance to Nearest Municipal Well (feet)</b>		
>5280	0	
1320 to 5280	5	
500 to 1320	10	
<500	15	<u>0</u>
<b>Distance to Other Wells (feet)</b>		
>1320	0	
300 to 1320	10	
<300	20	<u>0</u>
<b>Native Soil Type</b>		
Low permeability	0	
Mod. permeability	10	
High permeability	20	<u>10</u>
<b>Fluid Type</b>		
Air/mist	0	
Fresh Water	5	
TDS >5000 and <10000	15	
TDS >10000 or Oil Base	20	
Mud Fluid containing high levels of hazardous constituents		<u>5</u>
<b>Drill Cuttings</b>		
Normal Rock	0	
Salt or detrimental	10	<u>0</u>
<b>Annual Precipitation (inches)</b>		
<10	0	
10 to 20	5	
>20	10	<u>5</u>
<b>Affected Populations</b>		
<10	0	
10 to 30	6	
30 to 50	8	
>50	10	<u>0</u>
<b>Presence of Nearby Utility</b>		
<b>Conduits</b>		
Not Present	0	
Unknown	10	
Present	15	<u>0</u>
<b>Final Score</b>		<u>32</u>



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

**Operator Name:**                     LOUIS DREYFUS NATURAL GAS CORP.                      
**Well Name & Number:**                     FENCE CANYON DELAMBERT 30-2                      
**API Number:**                     43-047-33530                      
**Location:** 1/4,1/4 SE/SW Sec. 30 T. 15S R. 23E

**Geology/Ground Water:**

The operator has proposed setting 300 feet of surface casing and 4,900 feet of intermediate casing, both of which will be cemented to surface. A search of Division of Water Rights records shows no water wells within a radius of 10,000 feet of the center of section 30. The depth to the base of the moderately saline water is approximately 2,500 feet. The surface formation at the proposed location is the Green River Formation. The Green River Formation is made up of interbedded sandstones, limestones and shales. The proposed casing program should adequately protect any useable sources of ground water in this area.

**Reviewer:** Brad Hill  
**Date:** 09/18/01

**Surface:**

The pre-drill investigation of the surface was performed on 8/8/01. Surface owner is Burton Delambert. Mr. Delambert was present at this investigation. A pipeline presently crossing this site will be re-routed around the east side of location. The road presently crossing site will be re-routed around the west side of location. Mr. Delambert stated several concerns regarding the construction of this location and the drilling of this well. He wants all traffic to and from site to use the existing road to the south of site. He does not want traffic of any kind using the road to the north down Main Canyon. He does not want any alcohol, firearms or dogs on his property. He said that these conditions would be stated in the landowner agreement, and asked that they also be made conditions of approval on the permit to drill.

**Reviewer:** David W. Hackford  
**Date:** 08/8/2001

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

1. A synthetic liner with a minimum thickness of 12 mils shall be properly installed and maintained in the reserve pit.
2. There will not be a production water disposal pit allowed on this site.
3. Reserve pit will be fenced as soon as it is constructed, and closed as soon as possible after well is drilled and completed.



\*\*  
\*\*\*  
\*\*\*  
\*\*\*\*\*  
\*\*\*\*\*  
\*\*\*\*\*



(

{

08-01 Louis Dreyfus Fence Canyon Delambert 30-2  
Casing Schematic

Surface

9-5/8"  
MW 8.8  
Frac 19.

TOC @  
0.  
TOC @  
0.  
Surface  
300. MD

W/15% washout

BOP

DHP  
 $(0.002)(8.33)(8230) = 3565 \text{ psi}$   
Anticipated = 2500 psi max  
(nearby wells)

4027'  
Castlegate

GCS  
 $(0.12)(8230) = 988 \text{ psi}$   
MASP = 2577 psi  
Anticipated = 1512 psi

7"  
MW 8.9  
Frac 19.3

TOC @  
4141.  
Intermediate  
4350. MD

W/12% washout

3M SRRA proposed

Adequate per 8/8/01

7840'  
Cabrera

8027'  
Morrison

4-1/2"  
MW 8.3

Production  
8230. MD

W/7% washout

14000 Quail Springs Parkway  
Suite 600  
Oklahoma City, Oklahoma  
73134-2600

Telephone 405 749-1300  
www.ldng.com

Land Fax 405-749-6662

 **Louis Dreyfus Natural Gas**

August 16, 2001

Via Fax 801-359-3940

Board of Oil, Gas and Mining Department  
of Natural Resources, State of Utah  
1594 West North Temple, Suite 210  
P.O. Box 145801  
Salt Lake City, Utah 84114-5801

ATTN: Lisa Cordova

RE: Section 30-15S-23E, S.L.M.  
Uintah County, Utah  
Cause No. 149-8

Gentlemen:

Louis Dreyfus Natural Gas Corp. respectfully requests an Exception to Order 149-13. Our proposed location is 691' FSL and 1,975' FWL of Section 30-15S-23E. This location is about 691' from the unit boundary line. We request the Board grant the 500' tolerance as stated in Order 149-13.

Additionally this location falls approximately 2,243' from the Beartooth operated Squires #1 well, and 1,788' from the Beartooth Federal #7-30-15-23. We ask for additional relief from the 500' tolerance stated in Order 149-13.

Our well location is necessitated by topographic restrictions as shown on the enclosed staking plat. We have requested a waiver letter from Beartooth Oil and Gas and will forward upon receipt. Please advise upon approval, or if additional information is needed.

Sincerely,

LOUIS DREYFUS NATURAL GAS CORP.



Rusty Waters  
District Landman

RW/eeo

**RECEIVED**

AUG 20 2001

DIVISION OF  
OIL, GAS AND MINING

**LOUIS DREYFUS NATURAL GAS CORP.**  
**FENCE CANYON DeLAMBERT #30-2**  
 LOCATED IN UTAH COUNTY,  
 SECTION 30, T15S, R23E, S.L.B.&M.



PHOTO: VIEW FROM CORNER #5 TO LOCATION STAKE

CAMERA ANGLE: SOUTHWESTERLY



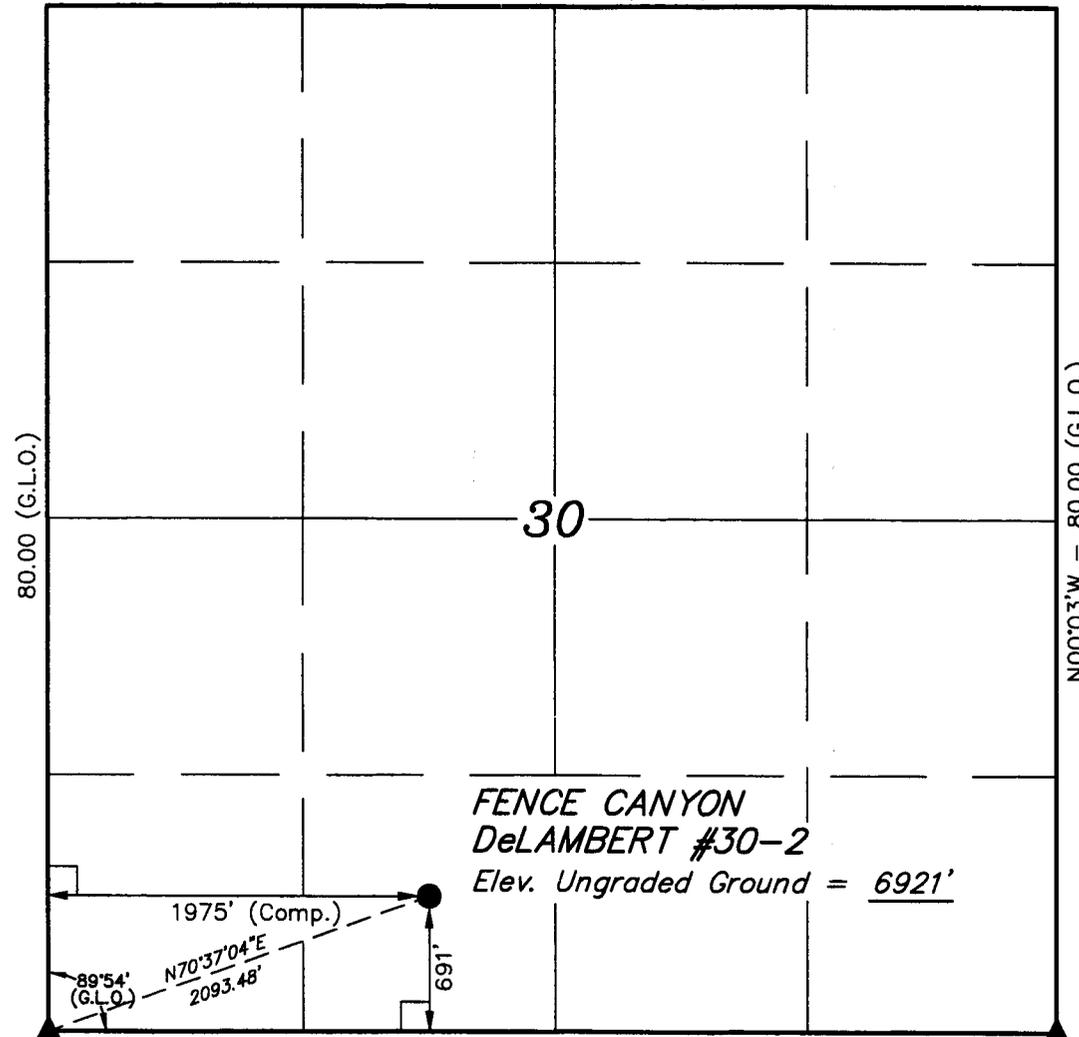
- Since 1964 -

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

LOCATION PHOTOS			5	29	01	PHOTO
			MONTH	DAY	YEAR	
TAKEN BY: B.B.	DRAWN BY: K.G.	REVISED: 00-00-00				

T15S, R23E, S.L.B.&M.

S89°54'W - 80.08 (G.L.O.)



80.00 (G.L.O.)

N00°03'W - 80.00 (G.L.O.)

FENCE CANYON  
DeLAMBERT #30-2  
Elev. Ungraded Ground = 6921'

1975' (Comp.)

691'

89°54' (G.L.O.)

N70°37'04"E  
2093.48'

S89°53'16"W - 5267.78' (Meas.)

1921 Brass Cap,  
0.6' High, Pile of  
Stones

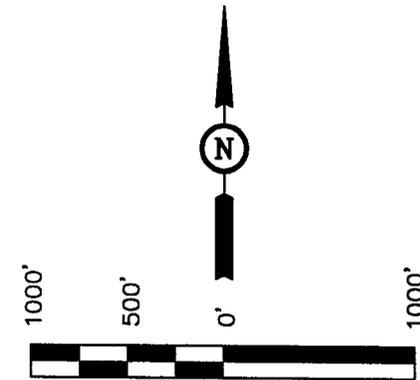
1921 Brass Cap,  
0.1' High

LOUIS DREYFUS NATURAL GAS CORP.

Well location, FENCE CANYON DeLAMBERT #30-2, located as shown in SE 1/4 SW 1/4 of Section 30, T15S, R23E, S.L.B.&M. Uintah County, Utah.

BASIS OF ELEVATION

SPOT ELEVATION ON A HILL TOP IN THE NW 1/4 OF SECTION 32, T15S, R23E, S.L.B.&M. TAKEN FROM THE PR SPRING QUADRANGLE, UTAH, 7.5 MINUTE QUAD. (TOPOGRAPHIC MAP) PUBLISHED BY THE UNITED STATES DEPARTMENT OF THE INTERIOR, GEOLOGICAL SURVEY. SAID ELEVATION IS MARKED AS BEING 7777 FEET.



SCALE

CERTIFICATE

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

*Robert J. ...*  
REGISTERED LAND SURVEYOR  
REGISTRATION NO. 7161319  
STATE OF UTAH

LEGEND:

└ = 90° SYMBOL

● = PROPOSED WELL HEAD.

▲ = SECTION CORNERS LOCATED.

LATITUDE = 39°28'43"  
LONGITUDE = 109°23'12"

UINTAH ENGINEERING & LAND SURVEYING

85 SOUTH 200 EAST - VERNAL, UTAH 84078

(435) 789-1017

SCALE 1" = 1000'	DATE SURVEYED: 5-23-01	DATE DRAWN: 5-29-01
PARTY B.B. J.T. C.G.	REFERENCES G.L.O. PLAT	
WEATHER COOL	FILE LOUIS DREYFUS NATURAL GAS CORP.	

Well name:	<b>08-01 Louis Dreyfus Fence Canyon Delambert 30-2</b>	
Operator:	<b>Louis Dreyfus Natural Gas Corporation</b>	
String type:	Surface	Project ID: 43-047-33530
Location:	Uintah County	

<b>Design parameters:</b>	<b>Minimum design factors:</b>	<b>Environment:</b>
<b>Collapse</b>	<b>Collapse:</b>	H2S considered? No
Mud weight: 8.800 ppg	Design factor 1.125	Surface temperature: 65 °F
Design is based on evacuated pipe.		Bottom hole temperature: 69 °F
		Temperature gradient: 1.40 °F/100ft
		Minimum section length: 250 ft
	<b>Burst:</b>	Cement top: <u>Surface</u>
<b>Burst</b>	Design factor 1.00	
Max anticipated surface pressure: 0 psi		Non-directional string.
Internal gradient: 0.462 psi/ft	<b>Tension:</b>	
Calculated BHP 139 psi	8 Round STC: 1.80 (J)	
No backup mud specified.	8 Round LTC: 1.80 (J)	
	Buttress: 1.60 (J)	
	Premium: 1.50 (J)	
	Body yield: 1.50 (B)	<b>Re subsequent strings:</b>
	Tension is based on air weight.	Next setting depth: 4,350 ft
	Neutral point: 261 ft	Next mud weight: 8.900 ppg
		Next setting BHP: 2,011 psi
		Fracture mud wt: 19.000 ppg
		Fracture depth: 300 ft
		Injection pressure 296 psi

Run Seq	Segment Length (ft)	Size (in)	Nominal Weight (lbs/ft)	Grade	End Finish	True Vert Depth (ft)	Measured Depth (ft)	Drift Diameter (in)	Est. Cost ( )
1	300	9.625	36.00	J-55	ST&C	300	300	8.796	3318
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	137	2020	14.73	139	3520	25.39	11	394	36.49 J

Prepared by: Dustin Doucet  
Utah Dept. of Natural Resources

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

Date: August 21, 2001  
Salt Lake City, Utah

ENGINEERING STIPULATIONS: NONE  
Collapse strength is based on the Westcott, Dunlop & Kemler method of biaxial correction for tension.  
Collapse is based on a vertical depth of 300 ft, a mud weight of 8.8 ppg The casing is considered to be evacuated for collapse purposes.  
Burst strength is not adjusted for tension.

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

Well name:	<b>08-01 Louis Dreyfus Fence Canyon Delambert 30-2</b>	
Operator:	<b>Louis Dreyfus Natural Gas Corporation</b>	
String type:	Intermediate	Project ID: 43-047-33530
Location:	Uintah County	

**Design parameters:**

**Collapse**

Mud weight: 8.900 ppg  
Design is based on evacuated pipe.

**Burst**

Max anticipated surface pressure: 0 psi  
Internal gradient: 0.462 psi/ft  
Calculated BHP: 2,011 psi

No backup mud specified.

**Minimum design factors:**

**Collapse:**

Design factor 1.125

**Burst:**

Design factor 1.00

**Tension:**

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

Tension is based on air weight.  
Neutral point: 3,768 ft

**Environment:**

H2S considered? No  
Surface temperature: 65 °F  
Bottom hole temperature: 126 °F  
Temperature gradient: 1.40 °F/100ft  
Minimum section length: 1,500 ft

Cement top:

0 ft

Non-directional string.

**Re subsequent strings:**

Next setting depth: 8,320 ft  
Next mud weight: 8.330 ppg  
Next setting BHP: 3,600 psi  
Fracture mud wt: 19.250 ppg  
Fracture depth: 8,320 ft  
Injection pressure: 8,320 psi

Run Seq	Segment Length (ft)	Size (in)	Nominal Weight (lbs/ft)	Grade	End Finish	True Vert Depth (ft)	Measured Depth (ft)	Drift Diameter (in)	Est. Cost ( )
1	4350	7	23.00	N-80	LT&C	4350	4350	6.25	44140
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	2011	3830	1.90	2011	6340	3.15	100	442	4.42 J

Prepared by: Dustin Doucet  
Utah Dept. of Natural Resources

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

Date: August 21, 2001  
Salt Lake City, Utah

**ENGINEERING STIPULATIONS: NONE**

Collapse strength is based on the Westcott, Dunlop & Kemler method of biaxial correction for tension.  
Collapse is based on a vertical depth of 4350 ft, a mud weight of 8.9 ppg. The casing is considered to be evacuated for collapse purposes.  
Burst strength is not adjusted for tension.

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

Well name:	<b>08-01 Louis Dreyfus Fence Canyon Delambert 30-2</b>	
Operator:	<b>Louis Dreyfus Natural Gas Corporation</b>	
String type:	Production	Project ID: 43-047-33530
Location:	Uintah County	

**Design parameters:**

**Collapse**

Mud weight: 8.330 ppg  
Design is based on evacuated pipe.

**Burst**

Max anticipated surface pressure: 0 psi  
Internal gradient: 0.433 psi/ft  
Calculated BHP: 3,561 psi

No backup mud specified.

**Minimum design factors:**

**Collapse:**

Design factor: 1.125

**Burst:**

Design factor: 1.00

**Tension:**

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

Tension is based on air weight.  
Neutral point: 7,205 ft

**Environment:**

H2S considered? No  
Surface temperature: 65 °F  
Bottom hole temperature: 180 °F  
Temperature gradient: 1.40 °F/100ft  
Minimum section length: 250 ft

Cement top:

4,141 ft  
*Bm Int = 4350'*

Non-directional string.

Run Seq	Segment Length (ft)	Size (in)	Nominal Weight (lbs/ft)	Grade	End Finish	True Vert Depth (ft)	Measured Depth (ft)	Drift Diameter (in)	Est. Cost ( )
1	8230	4.5	11.60	N-80	LT&C	8230	8230	3.875	43138
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	3561	6350	1.78	3561	7780	2.18	95	223	2.34 J

Prepared by: Dustin Doucet  
Utah Dept. of Natural Resources

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

Date: August 21, 2001  
Salt Lake City, Utah

**ENGINEERING STIPULATIONS: NONE**

Collapse strength is based on the Westcott, Dunlop & Kemler method of biaxial correction for tension.  
Collapse is based on a vertical depth of 8230 ft, a mud weight of 8.33 ppg. The casing is considered to be evacuated for collapse purposes.  
Burst strength is not adjusted for tension.

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

Please note that  
the order #  
may be 149-13

alGas

RECEIVED

AUG 13 2001

14000 Quail Springs Parkway  
Suite 600  
Oklahoma City, Oklahoma  
73134-2600

Telephone 405-749-1300  
www.ldng.com

Land Fax 405-749-6662

August 9, 2001

Beartooth Oil and Gas Company  
P.O. Box 2564  
Billings, Montana 59103

ATTN: Laura Roberts

RE: LDNG's DeLambert #30-2  
Section 30-15S-23E  
Uintah County, Utah

Gentlemen:

Our proposed well location for the above referenced well is 691' FSL and 1,975' FWL of Section 30-15S-23E. This is approximately 1,788' from the Beartooth Federal #7-30-15-23 and 2,243' from the Beartooth Squire.

Louis Dreyfus Natural Gas Corp. respectfully requests a waiver to the 2,500' tolerance as set out in the Board of Oil, Gas and Mining Department of Natural Resources Order #149-8.

If you are in agreement with this, please so indicate by executing one (1) copy of this letter and return to the undersigned.

Sincerely,

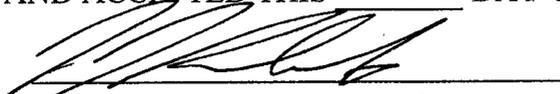
LOUIS DREYFUS NATURAL GAS CORP.

  
Rusty Waters  
District Landman

RW/eoo

AGREED TO AND ACCEPTED THIS 16<sup>th</sup> DAY OF AUGUST, 2001.

By:

  
Name & Title: Laura L. Roberts, Landman

00-20-01P02:36 RCVO

14000 Quail Springs Parkway  
Suite 600  
Oklahoma City, Oklahoma  
73134-2600

Telephone 405 749-1300  
www.ldng.com

Land Fax 405-749-6662

 **Louis Dreyfus Natural Gas**

August 23, 2001

Via Fax 801-359-3940

Board of Oil, Gas and Mining Department  
of Natural Resources, State of Utah  
1594 West North Temple, Suite 210  
P.O. Box 145801  
Salt Lake City, Utah 84114-5801

ATTN: Lisa Cordova

RE: Section 30-15S-23E, S.L.M.  
Uintah County, Utah  
Cause No. 149-13

Gentlemen:

Please see attached copy of waiver from Beartooth Oil and Gas Company in reference to the 2,500' tolerance as set out in Board of Oil, Gas and Mining Department of Natural Resources Order No. #149-13. If there is anything further that is needed, please advise.

Sincerely,

LOUIS DREYFUS NATURAL GAS CORP.



Rusty Waters  
District Landman

RW/sm  
Enclosure

RECEIVED

AUG 27 2001

DIVISION OF  
OIL, GAS AND MINING



# Louis Dreyfus Natural Gas

## RECEIVED

SEP 06 2001

DIVISION OF  
OIL, GAS AND MINING

### OPERATIONS DEPARTMENT

14000 Quail Springs Parkway, Suite 600,  
Oklahoma City, OK 73134  
405-749-1300

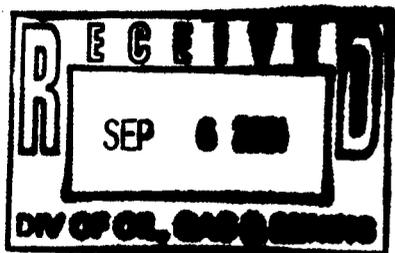
# Fax

To: LISHA CORDOVA From: CARIA CHRISTIAN  
 Fax: (801) 359-3940 Pages: 3 PAGES  
 Phone: \_\_\_\_\_ Date: 9-6-01  
 Re: \_\_\_\_\_ CC: \_\_\_\_\_

- Urgent     For Review     Please Comment     Please Reply

● Comments:

COPY OF SURFACE AGREEMENT FOR  
THE FENCE CANYON DELAMBERT #30-2.  
THANKS FOR ALL YOUR HELP.  
CARIA CHRISTIAN



FENCE CANYON DELAMBERT #30-2

## SURFACE DAMAGE RELEASE AND AGREEMENT

KNOW ALL MEN BY THESE PRESENTS:

THAT Burton H. DeLambert, P.O. Box 607, Vernal, Utah 84078, (hereinafter referred to as "Surface Owner"), and Louis Dreyfus Natural Gas Corp., 14000 Quail Springs Parkway, Suite 600, Oklahoma City, Oklahoma 73134, its employees, agents, contractors or its joint working interest owners (hereinafter referred to as the "Company"), for and in consideration of Five Thousand Dollars and No/100 (\$5,000.00) cash in hand paid; receipt of which is hereby acknowledged by Surface Owner, enter into this Surface Damage Release and Agreement to settle damages to the surface, (including but not limited to growing crops, grasses, vegetation, trees and other personal property) resulting from the Company's operation in the building of a well location, drilling, completion, equipping, operation and abandonment of the Fence Canyon DeLambert #30-2 Well, located approximately 691' FSL and 1975' FWL, Section 30-T15S-R23E, Uintah County, Utah.

In addition to any amounts set out herein, the Company agrees to pay Surface Owner the following damages:

- a. An annual fee of Two Thousand Dollars and No/100 (\$2,000.00) due by August 1<sup>st</sup> of each year commencing on the date of this Agreement, for which Surface Owner grants the Company ingress and/or egress from the South to Surface Owner's private property. This yearly fee will remain in effect until the Fence Canyon DeLambert #30-2 Well is plugged and the location reclaimed.

This Agreement shall also include settlement of damages resulting from the construction, use and maintenance of all access roads, metering facilities, tank battery site, temporary water line and other appurtenances associated with or used during the course of the drilling, completion, equipping, operation or abandonment of the above described Fence Canyon DeLambert #30-2 Well.

In consideration herein above paid, the Surface Lessee grants to Company full rights of ingress and egress for the purpose of carrying out its rights and operations contemplated under this agreement and does hereby release and further agree to defend and hold harmless, the Company, its employees, agents, contractors or co-workers of the oil and gas leasehold estate covering the said lands and their employees, agents and contractors from any and all liability for surface damages in connection with the drilling, completion, equipping and operation of the aforementioned well located on the above said lands.

The following procedures will be observed while performing work or traveling to and from the premises related to the Fence Canyon DeLambert #30-2 hereinafter referred to as the "Premises":

1. Hunting on the Premises is prohibited as well as firearms of any kind, either on person or in vehicles, and whether licensed or not.
2. Recreational activities on the Premises are prohibited, including without limitation picnicking, fishing and sightseeing.
3. Dogs will not be permitted on the Premises.
4. The possession, consumption or use of prohibited substances on the Premises is forbidden. Prohibited substances includes alcoholic beverages, illegal drugs and drug paraphernalia, illegal inhalants, and prescription and/or non-prescription drugs not being used for the prescribed purposes or in the prescribed manner by the intended patient.
5. All operations are to be conducted in strict compliance with all federal, state and local environmental, health and safety laws, rules and regulations.

FENCE CANYON DELAMBERT #30-2

- 6. Littering on the Premises is prohibited. All trash shall be contained within vehicles or containers placed at or nearby the well location, and removed from the Premises on a regular basis.
- 7. Only designated roads shall be utilized for access across the Premises and no person is allowed the right of ingress or egress across the Premises for purposes not directly associated with the Fence Canyon DeLambert #30-2 Well.
- 8. All employees, contractors, subcontractors and service personnel performing work on behalf of the Company will be prohibited from activity on or near Surface Owner's domain or other private property not directly associated with the Fence Canyon DeLambert #30-2 Well.

Surface Owner warrants that it is lawfully entitled to receive the consideration paid hereunder and that this Surface Damages Release and Agreement shall be binding upon the undersigned and all persons claiming by, through and under them including but not limited to their heirs, successors, assigns, tenants and employees.

Dated and executed this 21 day of Aug, 2001

Burton H. DeLambert  
 Burton H. DeLambert

Louis Dreyfus Natural Gas Corp.

By: \_\_\_\_\_  
 J.C. Welch, Vice President Land

J.C. Welch



State of Utah  
DEPARTMENT OF NATURAL RESOURCES  
DIVISION OF OIL, GAS AND MINING

Michael O. Leavitt  
Governor  
Kathleen Clarke  
Executive Director  
Lowell P. Braxton  
Division Director

1594 West North Temple, Suite 1210  
PO Box 145801  
Salt Lake City, Utah 84114-5801  
801-538-5340  
801-359-3940 (Fax)  
801-538-7223 (TDD)

September 18, 2001

Louis Dreyfus Natural Gas Corporation  
14000 Quail Springs Parkway, Suite 600  
Oklahoma City, OK 73134

Re: Fence Canyon Delambert 30-2 Well, 691' FSL, 1975' FWL, SE SW, Sec. 30, T. 15 South, R. 23 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 43-047-33530.

Sincerely,

A handwritten signature in black ink, appearing to read "John R. Baza".

John R. Baza  
Associate Director

dm

Enclosures

cc: Uintah County Assessor

**Operator:** Louis Dreyfus Natural Gas Corporation  
**Well Name & Number** Fence Canyon Delambert 30-2  
**API Number:** 43-047-33530  
**Lease:** Fee

**Location:** SE SW      **Sec.** 30      **T.** 15 South      **R.** 23 East

### **Conditions of Approval**

**1. General**

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

**2. Notification Requirements**

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

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

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

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

**3. Reporting Requirements**

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

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



Louis Dreyfus Natural Gas Vendors:

Please be advised that following approval by its shareholders, Louis Dreyfus Natural Gas Corp. (LDNG) merged with Dominion Oklahoma Texas Exploration & Production, Inc. (DOTEPI) on November 1, 2001. As a result of the merger, DOTEPI, the surviving corporation, has become vested with all the assets and liabilities of LDNG and has assumed the outstanding obligations of LDNG. DOTEPI, a Delaware corporation, is an indirect subsidiary of Dominion Resources, Inc. (DRI). DRI is publicly traded on the New York Stock Exchange and, through its ownership of various subsidiaries, is one of the nation's largest producers of energy.

Effective immediately, please revise your customer records and begin issuing your invoices to **Dominion Oklahoma Texas Exploration & Production, Inc.** Unless notified otherwise, please continue to forward your invoices to the same company contact/address as you always have.

We appreciate your cooperation in this transition. If you have any questions, please contact me at the above address or (405) 749-5249.

Sincerely,

A handwritten signature in cursive script that reads "Hank Newmark".

Hank Newmark  
Accounts Payable Supervisor

RECEIVED

DEC 10 2001

DIVISION OF  
OIL, GAS AND MINING

**OPERATOR CHANGE WORKSHEET**

**ROUTING**

1. GLH		4-KAS
2. CDW		5-LP
3. JLT		6-FILE

Enter date after each listed item is completed

Change of Operator (Well Sold)

Designation of Agent

Operator Name Change (Only)

**X Merger**

The operator of the well(s) listed below has changed, effective: **11-01-2001**

<b>FROM: (Old Operator):</b>
LOUIS DREYFUS NATURAL GAS CORPORATON
Address: 14000 QUAIL SPRINGS PARKWAY STE 6000
OKLAHOMA CITY, OK 73134
Phone: 1-(405)-749-1300
Account N1710

<b>TO: ( New Operator):</b>
DOMINION OKLAHOMA TEXAS EXPLORATION & PRODUCTION INC
Address: 14000 QUAIL SPRINGS PARKWAY STE 6000
OKLAHOMA CITY, OK 73134
Phone: 1-(405)-749-1300
Account N1985

**CA No.**

**Unit:**

**WELL(S)**

NAME	API NO	ENTITY NO	SEC TWN RNG	LEASE TYPE	WELL TYPE	WELL STATUS
FENCE CANYON DELAMBERT 30-2	43-047-33530	99999	30-15S-23E	FEE	GW	APD

**OPERATOR CHANGES DOCUMENTATION**

- (R649-8-10) Sundry or legal documentation was received from the **FORMER** operator on: 12/12/2001
- (R649-8-10) Sundry or legal documentation was received from the **NEW** operator on: 12/12/2001
- The new company has been checked through the **Department of Commerce, Division of Corporations Database** on: 12/12/2001
- Is the new operator registered in the State of Utah: YES Business Number: 4996678-0143
- If **NO**, the operator was contacted on: N/A
- 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: N/A
- Federal and Indian Units:** The BLM or BIA has approved the successor of unit operator for wells listed on: N/A
- Federal and Indian Communization Agreements ("CA"):** The BLM or the BIA has approved the operator change for all wells listed involved in a CA on: N/A

9. **Underground Injection Control ("UIC")** The Division has approved UIC Form 5, **Transfer of Authority to Inject**, for the enhanced/secondary recovery unit/project for the water disposal well(s) listed on: N/A

---

**DATA ENTRY:**

1. Changes entered in the **Oil and Gas Database** on: 12/12/2001
2. Changes have been entered on the **Monthly Operator Change Spread Sheet** on: 12/12/2001
3. Bond information entered in RBDMS on: N/A
4. Fee wells attached to bond in RBDMS on: 12/12/2001

---

**STATE BOND VERIFICATION:**

1. State well(s) covered by Bond No.: N/A

---

**FEDERAL BOND VERIFICATION:**

1. Federal well(s) covered by Bond No.: N/A

---

**INDIAN BOND VERIFICATION:**

1. Indian well(s) covered by Bond No.: N/A

---

**FEE WELLS - BOND VERIFICATION/LEASE INTEREST OWNER NOTIFICATION:**

1. (R649-3-1) The **NEW** operator of any fee well(s) listed covered by Bond No: 400SH5879
2. The **FORMER** operator has requested a release of liability from their bond on: N/A  
The Division sent response by letter on: N/A
3. (R649-2-10) The **FORMER** 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: 12/12/2001

---

**FILMING:**

1. All attachments to this form have been **MICROFILMED** on: \_\_\_\_\_

---

**FILING:**

1. **ORIGINALS/COPIES** of all attachments pertaining to each individual well have been filed in each well file 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.

<b>1. TYPE OF WELL</b> OIL WELL <input type="checkbox"/> GAS WELL <input checked="" type="checkbox"/> OTHER _____		<b>5. LEASE DESIGNATION AND SERIAL NUMBER:</b>
<b>2. NAME OF OPERATOR:</b> Dominion Oklahoma Texas Exploration & Production, Inc.		<b>6. IF INDIAN, ALLOTTEE OR TRIBE NAME:</b>
<b>3. ADDRESS OF OPERATOR:</b> 14000 Quail Springs CITY Oklahoma City STATE OK ZIP 73134		<b>7. UNIT or CA AGREEMENT NAME:</b>
PHONE NUMBER: (405) 749-1300		<b>8. WELL NAME and NUMBER:</b> Fence Canyon DeLambert 30 #2
<b>4. LOCATION OF WELL</b> FOOTAGES AT SURFACE: 691 FSL & 1975 FWL		<b>9. API NUMBER:</b> 047-33530
QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN: SESW 30 15S 23E		<b>10. FIELD AND POOL, OR WILDCAT:</b> Undesignated
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"/> <b>NOTICE OF INTENT</b> (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"/> <b>SUBSEQUENT REPORT</b> (Submit Original Form Only)  Date of work completion: _____	<input type="checkbox"/> CASING REPAIR	<input type="checkbox"/> NEW CONSTRUCTION	<input type="checkbox"/> TEMPORARILY ABANDON
	<input type="checkbox"/> CHANGE TO PREVIOUS PLANS	<input type="checkbox"/> OPERATOR CHANGE	<input type="checkbox"/> TUBING REPAIR
	<input type="checkbox"/> CHANGE TUBING	<input type="checkbox"/> PLUG AND ABANDON	<input type="checkbox"/> VENT OR FLARE
	<input type="checkbox"/> CHANGE WELL NAME	<input type="checkbox"/> PLUG BACK	<input type="checkbox"/> WATER DISPOSAL
	<input type="checkbox"/> CHANGE WELL STATUS	<input type="checkbox"/> PRODUCTION (START/RESUME)	<input type="checkbox"/> WATER SHUT-OFF
	<input type="checkbox"/> COMMINGLE PRODUCING FORMATIONS	<input type="checkbox"/> RECLAMATION OF WELL SITE	<input checked="" type="checkbox"/> OTHER: <u>Name change</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.

Louis Dreyfus hereby request our name to be changed to Dominion Oklahoma Texas Exploration & Production, Inc. effective 11-01-01. I Carla Christian represent both Louis Dreyfus and Dominion.

**RECEIVED**

DEC 12 2001

DIVISION OF  
OIL, GAS AND MINING

NAME (PLEASE PRINT) <u>Carla Christian</u>	TITLE <u>Regulatory Technician</u>
SIGNATURE <u>Carla Christian</u>	DATE <u>12/10/2001</u>

(This space for State use only)

OFFICE OF THE SECRETARY OF STATE



**MERGER CERTIFICATE**

*I THE UNDERSIGNED, Secretary of State of the State of Oklahoma, do hereby certify that I am, by the laws of said state, the custodian of the records of the state of Oklahoma relating to the right of corporations to transact business in this state and am the proper officer to execute this certificate.*

*I FURTHER CERTIFY that a Certificate of Merger was filed in this office on the 31st day of October, 2001, with an effective file date of 1st day of November, 2001, by and between the following corporations:*

**LOUIS DREYFUS NATURAL GAS CORP.**  
*Oklahoma Corporation*

*merged into*

**DOMINION OKLAHOMA TEXAS EXPLORATION & PRODUCTION, INC.**  
*Delaware Corporation,*  
*the survivor*

*I FURTHER CERTIFY that as a result of such merger, LOUIS DREYFUS NATURAL GAS CORP. is no longer an active corporation in the state of Oklahoma according to the records of this office to the date of this certificate.*

*IN TESTIMONY WHEREOF, I have hereunto set my hand and caused to be affixed the Great Seal of the State of Oklahoma at the City of Oklahoma City this 2nd day of November, 2001.*

*Mike Hunter*  
\_\_\_\_\_  
Secretary of State

By: *Jessette Larmey*  
\_\_\_\_\_

**FILED**

**OCT 31 2001**

**OKLAHOMA SECRETARY  
OF STATE**

**CERTIFICATE OF MERGER  
OF  
LOUIS DREYFUS NATURAL GAS CORP.  
INTO  
DOMINION OKLAHOMA TEXAS EXPLORATION & PRODUCTION, INC.**

The undersigned corporation hereby files this Certificate of Merger in accordance with the provisions of Section 1082.C of the Oklahoma General Corporation Act (the "Act").

1. The name and state of incorporation of each of the constituent corporations is as follows:

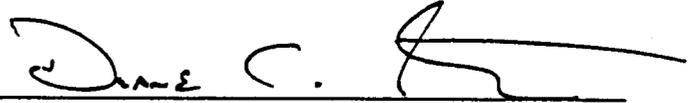
<b>Name</b>	<b>State of Incorporation</b>
Dominion Oklahoma Texas Exploration & Production, Inc.	Delaware
Louis Dreyfus Natural Gas Corp.	Oklahoma

2. An Agreement of Merger between the parties has been approved, adopted, certified, executed and acknowledged by each of the constituent corporations in accordance with the subsection C of Section 1082 of the Act.
3. The effective date and time of the merger of Louis Dreyfus Natural Gas Corp. into Dominion Oklahoma Texas Exploration & Production, Inc. shall be 12:01 a.m., Central Standard Time, November 1, 2001.
4. The name of the surviving corporation of the merger is Dominion Oklahoma Texas Exploration & Production, Inc.
5. The Certificate of Incorporation of Dominion Oklahoma Texas Exploration & Production, Inc. shall be the certificate of incorporation of the surviving corporation.
6. The executed Agreement of Merger is on file at the principal place of business of the surviving corporation. The address of the principal place of business of the surviving corporation is Four Greenspoint Plaza, 16945 Northchase Drive, Suite 1750, Houston, TX 77060.
7. A copy of the Agreement of Merger will be furnished by the surviving corporation, on request and without cost, to any shareholder of either constituent corporation.
8. This corporation hereby irrevocably appoints the Secretary of State as its agent to accept service of process in any suit or other proceedings. The address to which such process shall be mailed is:

Dominion Oklahoma Texas Exploration & Development, Inc.  
Four Greenspoint Plaza  
16945 Northchase Drive, Suite 1750  
Houston, TX 77060

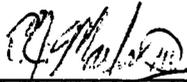
DOMINION OKLAHOMA TEXAS  
EXPLORATION & PRODUCTION, INC.

By:



Duane C. Radtke  
President and Chief Executive Officer

ATTEST:



E. J. Marks, III  
Assistant Secretary

State of Delaware  
Office of the Secretary of State

---

I, HARRIET SMITH WINDSOR, SECRETARY OF STATE OF THE STATE OF DELAWARE, DO HEREBY CERTIFY THE CERTIFICATE OF MERGER, WHICH MERGES:

"LOUIS DREYFUS NATURAL GAS CORP.", A OKLAHOMA CORPORATION, WITH AND INTO "DOMINION OKLAHOMA TEXAS EXPLORATION & PRODUCTION, INC." UNDER THE NAME OF "DOMINION OKLAHOMA TEXAS EXPLORATION & PRODUCTION, INC.", A CORPORATION ORGANIZED AND EXISTING UNDER THE LAWS OF THE STATE OF DELAWARE, WAS RECEIVED AND FILED IN THIS OFFICE THE THIRTY-FIRST DAY OF OCTOBER, A.D. 2001, AT 2:30 O'CLOCK P.M.

AND I DO HEREBY FURTHER CERTIFY THAT THE AFORESAID CORPORATION SHALL BE GOVERNED BY THE LAWS OF THE STATE OF DELAWARE.

AND I DO HEREBY FURTHER CERTIFY THAT THE EFFECTIVE DATE OF THE AFORESAID CERTIFICATE OF MERGER IS THE FIRST DAY OF NOVEMBER, A.D. 2001.



*Harriet Smith Windsor*  
Harriet Smith Windsor, Secretary of State

3438460 8330

AUTHENTICATION: 1434610

010563662

DATE: 11-08-01

**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: Fence Canyon DeLambert 30 #2
2. NAME OF OPERATOR: Dominion Oklahoma Texas Exploration & Production, Inc.		9. API NUMBER: 43-047-33530
3. ADDRESS OF OPERATOR: 14000 Quail Springs CITY Oklahoma City STATE OK ZIP 73134		10. FIELD AND POOL, OR WILDCAT: Undesignated
PHONE NUMBER: (405) 749-1300		
4. LOCATION OF WELL FOOTAGES AT SURFACE: 691 FSL & 1975 FWL COUNTY: Uintah		
QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN: SESW 30 15S 23E 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 checked="" type="checkbox"/> SUBSEQUENT REPORT (Submit Original Form Only)  Date of work completion: _____	<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: <u>Spud well, set csg.</u>

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

Spud well 5/31/02  
 6/2/02 ran 85' of 14" conductor, cemented w/160 sks of "G" cement w/2% CaCl<sub>2</sub>, returned 6 bbls of cement to surface.  
 6/3/02 ran 7 jts 9 5/8", 36#, J-55 ST&C csg. set @ 311.55, cemented w/170 sks type V, 2% CaCl<sub>2</sub>, returned 4 bbls of cement to surface. Notified State DOGM of the job. No witness were present  
 6/12/02 ran 99 jts 7", 23#, N-80 & J-55 8rd, LT&C csg, set @4224.45. Cement was not circulated, however State was called and verbal approval was given to continue drilling operations. Good lift pressures were encountered during primary job.

NAME (PLEASE PRINT) <u>Carla Christian</u>	TITLE <u>Regulatory Specialist</u>
SIGNATURE <u>Carla Christian</u>	DATE <u>6/14/2002</u>

(This space for State use only)

**RECEIVED**

JUN 19 2002

DIVISION OF  
OIL, GAS AND MINING

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

FORM 6

**ENTITY ACTION FORM**

Operator: Dominion Oklahoma Texas Expl. & Prod., Inc.  
Address: 14000 Quail Springs Parkway, Suite 600  
city Oklahoma City  
state OK zip 73134

Operator Account Number: N ~~1400~~ 1985  
Phone Number: (405) 749-1300

**Well 1**

API Number	Well Name	QQ	Sec	Twp	Rng	County
43-047-33530	Fence Canyon DeLambert 30 #2	SESW	30	15S	23E	Uintah
Action Code	Current Entity Number	New Entity Number	Spud Date		Entity Assignment Effective Date	
A	99999	13521	5/31/2002		6-20-02	
Comments:						

**Well 2**

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

**Well 3**

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

**ACTION CODES:**

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

Carla Christian

Name (Please Print)

*Carla Christian*

Signature

Regulatory Specialist

6/14/2002

Title

Date

**RECEIVED**

JUN 19 2002

DIVISION OF  
OIL, GAS AND MINING

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

FORM 9

**SUNDRY NOTICES AND REPORTS ON WELLS**

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

1. TYPE OF WELL OIL WELL <input type="checkbox"/> GAS WELL <input checked="" type="checkbox"/> OTHER _____		5. LEASE DESIGNATION AND SERIAL NUMBER:
2. NAME OF OPERATOR: Dominion Oklahoma Texas Exploration & Production, Inc.		6. IF INDIAN, ALLOTTEE OR TRIBE NAME:
3. ADDRESS OF OPERATOR: 14000 Quail Springs CITY Oklahoma City STATE OK ZIP 73134		7. UNIT or CA AGREEMENT NAME:
4. LOCATION OF WELL FOOTAGES AT SURFACE: 691 FSL & 1975 FWL		8. WELL NAME and NUMBER: Fence Canyon DeLambert 30 #2
QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN: SESW 30 15S 23E		9. API NUMBER: 43-047-33530
COUNTY: Uintah		10. FIELD AND POOL, OR WILDCAT: Undesignated
STATE: UTAH		

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

TYPE OF SUBMISSION	TYPE OF ACTION		
<input 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: _____	<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: <u>Set csg.</u>
	<input type="checkbox"/> CONVERT WELL TYPE	<input type="checkbox"/> RECOMPLETE - DIFFERENT FORMATION	

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

6/24/02 ran 194 jts 4 1/2", 11.60#, M-80, LT&C 8rd csg, set @ 8,194.25. Cemented w/275 sks 50/50 poz, plug down @ 1500 hrs, good returns through out job. Rig released. WOCU.

**RECEIVED**  
JUL 03 2002  
DIVISION OF  
OIL, GAS AND MINING

NAME (PLEASE PRINT) <u>Carla Christian</u>	TITLE <u>Regulatory Specialist</u>
SIGNATURE <u>Carla Christian</u>	DATE <u>7/1/2002</u>

(This space for State use only)



**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: Fence Canyon DeLambert 30 #2
2. NAME OF OPERATOR: Dominion Oklahoma Texas Exploration & Production, Inc.		9. API NUMBER: 43-047-33530
3. ADDRESS OF OPERATOR: 14000 Quail Springs CITY Oklahoma City STATE OK ZIP 73134		10. FIELD AND POOL, OR WILDCAT: Undesignated
4. LOCATION OF WELL FOOTAGES AT SURFACE: 691 FSL & 1975 FWL QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN: SESW 30 15S 23E		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 checked="" 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: _____	<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 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.

8-23-02 Frac interval #1: 7,864' - 7,899' w/101,600# 20/40 AcFrac PR-6000W sand, w/ 1,740.1 MSCF of N2 and 411 bbls 70Q 30# Delta Frac 200.  
As of 8-28-02 still recovering frac fluid.

**RECEIVED**

AUG 30 2002

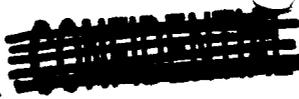
DIVISION OF  
OIL, GAS AND MINING

NAME (PLEASE PRINT) <u>Carla Christian</u>	TITLE <u>Regulatory Specialist</u>
SIGNATURE <u><i>Carla Christian</i></u>	DATE <u>8/28/2002</u>

(This space for State use only)

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

AMENDED REPORT  FORM 8  
(highlight changes)



**WELL COMPLETION OR RECOMPLETION REPORT AND LOG**

5. LEASE DESIGNATION AND SERIAL NUMBER:

6. IF INDIAN, ALLOTTEE OR TRIBE NAME

7. UNIT or CA AGREEMENT NAME

8. WELL NAME and NUMBER:  
**Fence Canyon DeLambert 30 #2**

9. API NUMBER:  
**43-047-33530**

10. FIELD AND POOL, OR WILDCAT

11. QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN:  
**SESW 30 15S 23E**

12. COUNTY  
**Uintah**

13. STATE  
**UTAH**

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

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

2. NAME OF OPERATOR:  
**Dominion Oklahoma Texas E&P, Inc. 14000 Quail Springs Parkway,**

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

4. LOCATION OF WELL (FOOTAGES)  
AT SURFACE: **691' FSL & 1975' FWL**  
AT TOP PRODUCING INTERVAL REPORTED BELOW:  
AT TOTAL DEPTH:

14. DATE SPUDED: **5/31/2002** 15. DATE T.D. REACHED: **6/21/2002** 16. DATE COMPLETED: **8/29/2002** ABANDONED  READY TO PRODUCE

17. ELEVATIONS (DF, RKB, RT, GL): **6919'**

18. TOTAL DEPTH: MD **8,200** TVD \_\_\_\_\_ 19. PLUG BACK T.D.: MD **8,136** 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)  
**High Definition Induction Log/Compensated Z-Densilog/  
Compensated Neutron Log, Gamma Ray/Caliper - 9-30-02**

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

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

HOLE SIZE	SIZE/GRADE	WEIGHT (#/ft.)	TOP (MD)	BOTTOM (MD)	STAGE CEMENTER DEPTH	CEMENT TYPE & NO. OF SACKS	SLURRY VOLUME (BBL)	CEMENT TOP **	AMOUNT PULLED
17 1/2"	14"		Surface	85		Conductor		Circ	
12 1/4"	9 5/8 J55	36#	Surface	311		170 Sx V		Circ	
8 3/4"	7" N 80	23#	Surface	4,224		485 Sx			
6 1/8"	4 1/2	11.60#	Surface	8,194		275 Sx		Circ	

25. TUBING RECORD

SIZE	DEPTH SET (MD)	PACKER SET (MD)	SIZE	DEPTH SET (MD)	PACKER SET (MD)	SIZE	DEPTH SET (MD)	PACKER SET (MD)
2 3/8"	7,891							

26. PRODUCING INTERVALS

FORMATION NAME	TOP (MD)	BOTTOM (MD)	TOP (TVD)	BOTTOM (TVD)	INTERVAL (Top/Bot - MD)	SIZE	NO. HOLES	PERFORATION STATUS
(A) Cedar Mountain	7,864	7,899			7,864 - 7,899	.43	116	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
7,864 - 7,899	Acidize w/1,500 7 1/2% HCL acid & 150 7/8" ball sealers.
7,864 - 7,899	Frac w/101,600# 20/40 AcFrac Pr-6000W sand, w/1,740.1 MSCF of N2 & 411 bbls 70Q 30# Delta frac 200.

29. ENCLOSED ATTACHMENTS:  ELECTRICAL/MECHANICAL LOGS  GEOLOGIC REPORT  DST REPORT  SUNDRY NOTICE FOR PLUGGING AND CEMENT VERIFICATION  CORE ANALYSIS  OTHER: \_\_\_\_\_

30. WELL STATUS: **Producing**

**RECEIVED**  
SEP 30 2002

**CONFIDENTIAL**

31. INITIAL PRODUCTION

DATE FIRST PRODUCED: 8/29/2002		TEST DATE: 9/21/2002		HOURS TESTED: 24		TEST PRODUCTION RATES: <input type="checkbox"/>	OIL - BBL: 0	GAS - MCF: 528	WATER - BBL: 0	PROD. METHOD: Plunger Lift
CHOKE SIZE: 48	TBG. PRESS. 356	CSG. PRESS. 349	API GRAVITY	BTU - GAS	GAS/OIL RATIO	24 HR PRODUCTION RATES: <input type="checkbox"/>	OIL - BBL: 0	GAS - MCF: 528	WATER - BBL: 0	INTERVAL STATUS: Open

INTERVAL B (As shown in item #26)

DATE FIRST PRODUCED:		TEST DATE:		HOURS TESTED:		TEST PRODUCTION RATES: <input type="checkbox"/>	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: <input type="checkbox"/>	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: <input type="checkbox"/>	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: <input type="checkbox"/>	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: <input type="checkbox"/>	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: <input type="checkbox"/>	OIL - BBL:	GAS - MCF:	WATER - BBL:	INTERVAL STATUS:

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

Sold

33. SUMMARY OF POROUS ZONES (Include Aquifers):

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

34. FORMATION (Log) MARKERS:

Formation	Top (MD)	Bottom (MD)	Descriptions, Contents, etc.	Name	Top (Measured Depth)
				Mancos 'B'	4,696
				Frontier	7,398
				Dakota	7,678
				Cedar Mountain	7,760
				Morrison	7,952

~~CONFIDENTIAL~~

35. ADDITIONAL REMARKS (Include plugging procedure)

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

NAME (PLEASE PRINT) Carla Christian

TITLE Regulatory Specialist

SIGNATURE Carla Christian

DATE 9/25/2002

This report must be submitted within 30 days of

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

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

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

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

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

# Drilled Sidewall Core Analysis Report

**Company :** Dominion Expl. & Prod. **Field:** ~~XXXXXXXXXX~~  
**File No. :** S02003 **Formation:** ~~XXXXXXXXXX~~  
**Well :** Fence Canyon DeLambert #30-2 **County :** Uintah County, Utah  
**Location :**

RECEIVED

SEP 30 2002

DIVISION OF  
OIL, GAS AND MINING

Sample Number	Depth	Air Permeability @ 5000 psi	Klinkenberg Permeability @ 5000 psi	Porosity %	Grain Density g/cc	Length cm	Pore Volume	Company/Fluid
---------------	-------	-----------------------------	-------------------------------------	------------	--------------------	-----------	-------------	---------------

7a	7,872.0	0.041	0.020	9.1	2.65	0.48	0.22	HALCO-DELTA FRAC-200
7b	7,872.0	0.024	0.010	8.6	2.65	0.60	0.27	DOWELL-YF130LGM
7c	7,872.0	0.030	0.014	9.7	2.67	0.68	0.29	BJ-VIKING-30#
10a	7,881.0	1.7	1.22	13.2	2.67	0.64	0.38	HALCO-DELTA FRAC-200
10b	7,881.0	0.855	0.544	11.5	2.64	0.70	0.37	BJ-VIKING-30#
11a	7,882.0	0.333	0.171	10.9	2.66	0.74	0.39	HALCO-7 1/2%DSFE ACID
11b	7,882.0	0.702	0.426	11.9	2.65	0.84	0.49	DOWELL-YF130LGM
13a	7,888.0	0.011	0.004	10.8	2.65	0.79	0.43	DOWELL-7 1/2%
13b	7,888.0	0.016	0.006	10.6	2.65	0.88	0.46	BJ-7 1/2%
6	7,870							2%KCL
6	7,870							4%KCL
9	7,878							KCL SUBSTITUTE-CLAYTREAT-3C

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:</b> (Old Operator): N1985-Dominion Oklahoma Texas E&P Inc 14000 Quail Springs Parkway, Suite 600 Oklahoma City, OK 73134  Phone: 1 (405) 749-1300	<b>TO:</b> ( New Operator): N2615-XTO Energy Inc 810 Houston St Fort Worth, TX 76102  Phone: 1 (817) 870-2800
---	--

WELL NAME	CA No.			Unit:			LEASE TYPE	WELL TYPE	WELL STATUS
	SEC	TWN	RNG	API NO	ENTITY NO				
FENCE CYN DELAMBERT 30-2	30	150S	230E	4304733530	13521		Fee	GW	P
FENCE CANYON ST 32 #2	32	150S	230E	4304734166	13367		State	GW	P

**OPERATOR CHANGES DOCUMENTATION**

Enter date after each listed item is completed

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

**DATA ENTRY:**

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

**BOND VERIFICATION:**

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

**LEASE INTEREST OWNER NOTIFICATION:**

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

**COMMENTS:**

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

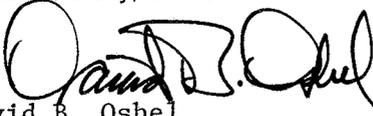
FORM 9

<b>SUNDRY NOTICES AND REPORTS ON WELLS</b>		5. LEASE DESIGNATION AND SERIAL NUMBER: <b>FEE</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:
2. NAME OF OPERATOR: <b>XTO Energy Inc. N 2615</b>		8. WELL NAME and NUMBER: <b>Fence Canyon Delambert 30-2</b>
3. ADDRESS OF OPERATOR: <b>810 Houston Street</b> CITY <b>Fort Worth</b> STATE <b>TX</b> ZIP <b>76102</b>		9. API NUMBER: <b>4304733530</b>
PHONE NUMBER: <b>(817) 870-2800</b>		10. FIELD AND POOL, OR WILDCAT: <b>Undesignated</b>
4. LOCATION OF WELL FOOTAGES AT SURFACE: <b>691' FSL &amp; 1975' FWL</b>		COUNTY: <b>Uintah</b>
QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN: <b>SESW 30 15S 23E</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 checked="" type="checkbox"/> NOTICE OF INTENT (Submit in Duplicate) Approximate date work will start: _____	<input type="checkbox"/> ACIDIZE	<input type="checkbox"/> DEEPEN	<input type="checkbox"/> REPERFORATE CURRENT FORMATION
<input type="checkbox"/> SUBSEQUENT REPORT (Submit Original Form Only) Date of work completion: _____	<input type="checkbox"/> ALTER CASING	<input type="checkbox"/> FRACTURE TREAT	<input type="checkbox"/> SIDETRACK TO REPAIR WELL
	<input type="checkbox"/> CASING REPAIR	<input type="checkbox"/> NEW CONSTRUCTION	<input type="checkbox"/> TEMPORARILY ABANDON
	<input type="checkbox"/> CHANGE TO PREVIOUS PLANS	<input checked="" type="checkbox"/> OPERATOR CHANGE	<input type="checkbox"/> TUBING REPAIR
	<input type="checkbox"/> CHANGE TUBING	<input type="checkbox"/> PLUG AND ABANDON	<input type="checkbox"/> VENT OR FLARE
	<input type="checkbox"/> CHANGE WELL NAME	<input type="checkbox"/> PLUG BACK	<input type="checkbox"/> WATER DISPOSAL
	<input type="checkbox"/> CHANGE WELL STATUS	<input type="checkbox"/> PRODUCTION (START/RESUME)	<input type="checkbox"/> WATER SHUT-OFF
	<input type="checkbox"/> COMMINGLE PRODUCING FORMATIONS	<input type="checkbox"/> RECLAMATION OF WELL SITE	<input type="checkbox"/> OTHER: _____
	<input type="checkbox"/> CONVERT WELL TYPE	<input type="checkbox"/> RECOMPLETE - DIFFERENT FORMATION	

12. DESCRIBE PROPOSED OR COMPLETED OPERATIONS. Clearly show all pertinent details including dates, depths, volumes, etc.  
Effective July 1, 2007, XTO Energy Inc. has purchased the wells listed on the attachment from:

Dominion Oklahoma Texas E & P, Inc. **N 1985**  
14000 Quail Springs Parkway, Suite 600  
Oklahoma City, OK 73134

  
David B. Oshel  
Attorney in Fact **(405) 749-1300**

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) Edwin S. Ryan, Jr. TITLE Sr. Vice President - Land Administration  
SIGNATURE  DATE 7/31/2007

(This space for State use only)

**APPROVED** 9/12/07  
  
Division of Oil, Gas and Mining  
Earlene Russell, Engineering Technician

(See Instructions on Reverse Side)

**RECEIVED**  
**AUG 06 2007**

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