

**Dominion Exploration & Production, Inc.**  
Four Greenspoint Plaza  
16945 Northchase Drive, Suite 1750, Houston, TX 77060-2133



**Dominion<sup>SM</sup>**

March 30, 2001

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

Attention: Lisha Cordova

RE: Application to Drill

Attached is an original with two copies of the Application for Permit to Drill for the following well:

Cliffs 15-21L (Fee well)

**Dominion Expl. & Prod., Inc. is requesting that this application and its attachments be held confidential.**

We would greatly appreciate your efforts in expediting this application. A surface use agreement has been signed and will be forwarded to your office within the week.

If you require additional information, please contact me at (281) 873-3692. Thank you for your assistance in this matter.

Sincerely,

**Dominion Exploration & Production, Inc.**

A handwritten signature in black ink that reads "Diann Flowers". The signature is written in a cursive, flowing style.

Diann Flowers  
Regulatory Specialist

Cc: Bill Bullard – letter only  
Mitch Hall  
Steve Case  
Well File

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

FORM 3

AMENDED REPORT   
(highlight changes)

|   |  |   |
|---|--|---|
| <b>APPLICATION FOR PERMIT TO DRILL</b>  |  | 5. LEASE DESIGNATION AND SERIAL NUMBER:<br><i>FEE - Cliffs Synfuel Corp.</i>          |
| 1A. TYPE OF WORK: DRILL <input checked="" type="checkbox"/> REENTER <input type="checkbox"/> DEEPEN <input type="checkbox"/>  |  | 6. IF INDIAN, ALLOTTEE OR TRIBE NAME:   |
| B. TYPE OF WELL: OIL <input type="checkbox"/> GAS <input checked="" type="checkbox"/> OTHER: _____ SINGLE ZONE <input checked="" type="checkbox"/> MULTIPLE ZONE <input type="checkbox"/> |  | 7. UNIT or CA AGREEMENT NAME:   |
| 2. NAME OF OPERATOR:<br><i>DOMINION EXPLORATION &amp; PRODUCTION, INC.</i>  |  | 8. WELL NAME and NUMBER:<br><i>CLIFFS 15-21L</i>                                      |
| 3. ADDRESS OF OPERATOR:<br><i>16945 NORTHCHASE DRIVE, SUITE 1750 HOUSTON, TEXAS 77060</i>   |  | 9. FIELD AND POOL, OR WILDCAT:<br><i>WILDCAT</i>                                      |
| PHONE NUMBER:<br><i>(281) 873-3692</i>  |  | 10. QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN:<br><i>SW SE of Sec. 21-T11S-R25E</i> |
| 4. LOCATION OF WELL (FOOTAGES)<br>AT SURFACE: <i>515' FSL &amp; 1987' FEL</i><br>AT PROPOSED PRODUCING ZONE: _____  |  | 11. COUNTY: <i>UINTAH</i> 12. STATE: <i>UTAH</i>                                      |
| 13. DISTANCE IN MILES AND DIRECTION FROM NEAREST TOWN OR POST OFFICE:<br><i>15.9 miles South from Bonanza</i>   |  |   |
| 14. DISTANCE TO NEAREST PROPERTY OR LEASE LINE (FEET)<br><i>515'</i>  | 15. NUMBER PF ACRES IN LEASE:<br><i>1800</i>                   | 16. NUMBER OF ACRES ASSIGNED TO THIS WELL:<br><i>40</i>                               |
| 17. DISTANCE TO NEAREST WELL (DRILLING, COMPLETED, OR APPLIED FOR) ON THIS LEASE (FEET)<br><i>2935'</i>   | 18. PROPOSED DEPTH:<br><i>6000'</i>                            | 19. BOND DESCRIPTION:<br><i>#765 63050 <del>361</del> 600</i>                         |
| 20. ELEVATIONS (SHOW WHETHER DF, RT, GR, ETC.):<br><i>GR: 5680'</i>   | 21. APPROXIMATE DATE WORK WILL START:<br><i>April 14, 2001</i> | 22. ESTIMATED DURATION:<br><i>14 days</i>   |

*4411671N  
660828E*

**PROPOSED CASING AND CEMENTING PROGRAM**

| SIZE OF HOLE   | CASING SIZE, GRADE, AND WEIGHT PER FOOT | SETTING DEPTH    | CEMENT TYPE, QUANTITY, YIELD, AND SLURRY WEIGHT |
|----------------|---|------------------|---|
| <i>17-1/2"</i> | <i>13-3/8", K-55, 54.5#</i>             | <i>+/- 84'</i>   | <i>CEMENT TO SURFACE</i>                        |
| <i>12-1/4"</i> | <i>8-5/8", K-55, 24#</i>                | <i>+/- 1000'</i> | <i>CEMENT TO SURFACE</i>                        |
| <i>7-7/8"</i>  | <i>5-1/2", P-110, 17#</i>               | <i>+/- 6000'</i> | <i>CEMENT TO SURFACE</i>                        |
|                |   |                  |   |
|                |   |                  |   |
|                |   |                  |   |
|                |   |                  |   |

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**ATTACHMENTS**

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

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

NAME (PLEASE PRINT) DIANN FLOWERS TITLE REGULATORY SPECIALIST  
SIGNATURE *Diann Flowers* DATE MARCH 30, 2001

(This space for State use only)

API NUMBER ASSIGNED: *43-047-34612*

Approved by the  
Utah Division of  
Oil, Gas and Mining  
Date: *08-14-01*  
By: *[Signature]*

**RECEIVED**

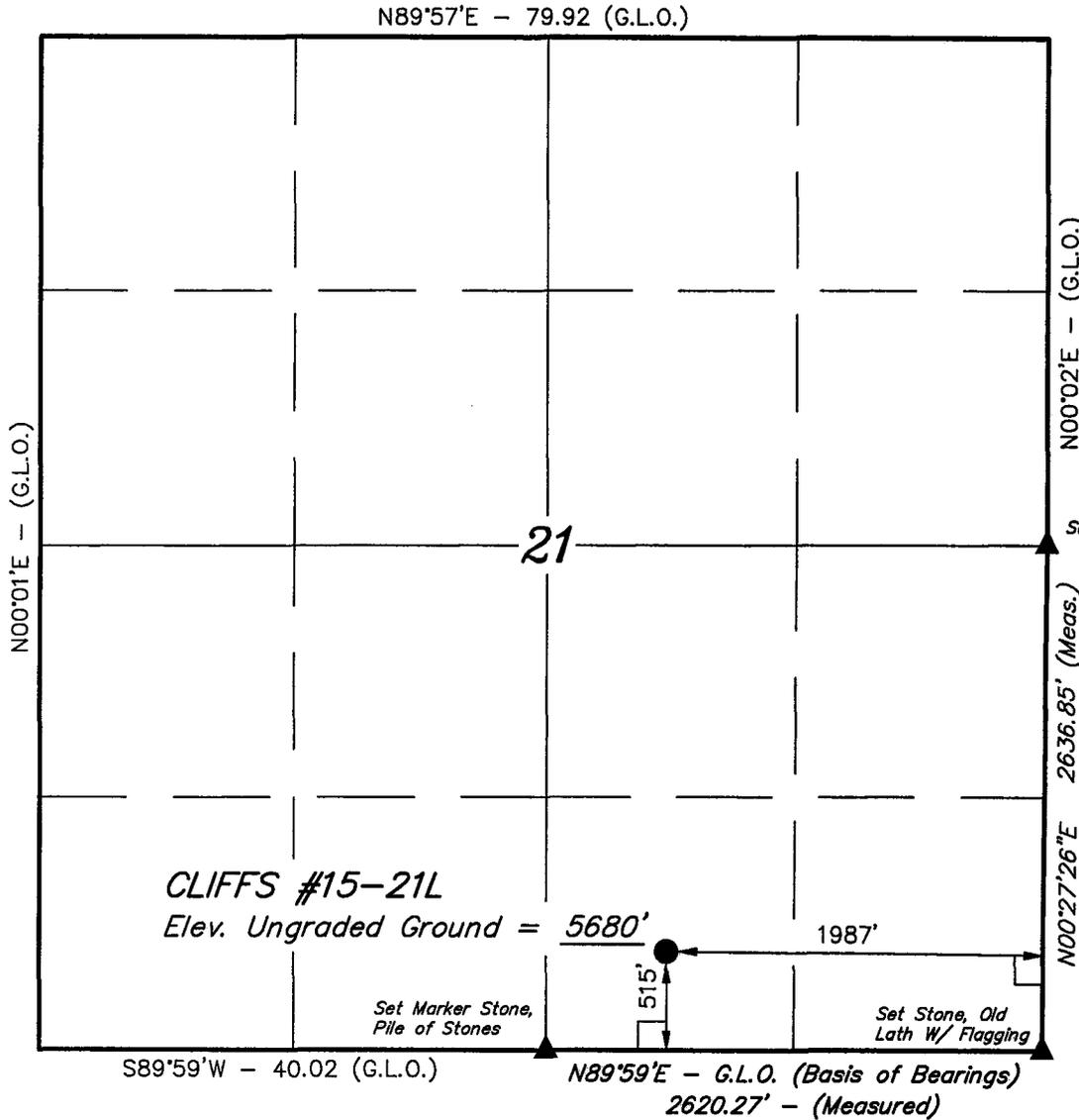
APR 02 2001

DIVISION OF  
OIL, GAS AND MINING

T11S, R25E, S.L.B.&M.

DOMINION EXPLR. & PROD., INC.

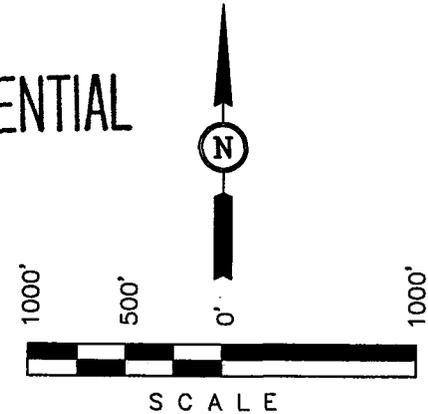
Well location, CLIFFS #15-21L, located as shown in the SW 1/4 SE 1/4 of Section 21, T11S, R25E, S.L.B.&M. Uintah County Utah.



BASIS OF ELEVATION

BENCH MARK (V61) LOCATED NEAR ROAD IN THE SE 1/4 OF SECTION 21, T11S, R25E, S.L.B.&M. TAKEN FROM THE DRAGON QUADRANGLE, UTAH-COLORADO, 7.5 MINUTE QUAD. (TOPOGRAPHIC MAP) PUBLISHED BY THE UNITED STATES DEPARTMENT OF THE INTERIOR, GEOLOGICAL SURVEY. SAID ELEVATION IS MARKED AS BEING 5590 FEET.

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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. Kay*  
REGISTERED LAND SURVEYOR  
REGISTRATION NO. 161319  
STATE OF UTAH

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

|                           |                                       |                         |
|---------------------------|---------------------------------------|-------------------------|
| SCALE<br>1" = 1000'       | DATE SURVEYED:<br>03-28-01            | DATE DRAWN:<br>03-29-01 |
| PARTY<br>D.K. G.S. D.R.B. | REFERENCES<br>G.L.O. PLAT             |                         |
| WEATHER<br>COLD           | FILE<br>DOMINION EXPLR. & PROD., INC. |                         |

LEGEND:

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

LATITUDE = 39°50'30"  
LONGITUDE = 109°07'12"

## SELF-CERTIFICATION STATEMENT

Under Federal regulation, effective June 15, 1988, designation of operator forms are no longer required when the operator is not the 100% record title holder. An operator is now required to submit a self-certification statement to the appropriate office stating that said operator has the right to operate upon the leasehold premises. Said notification may be in the following format:

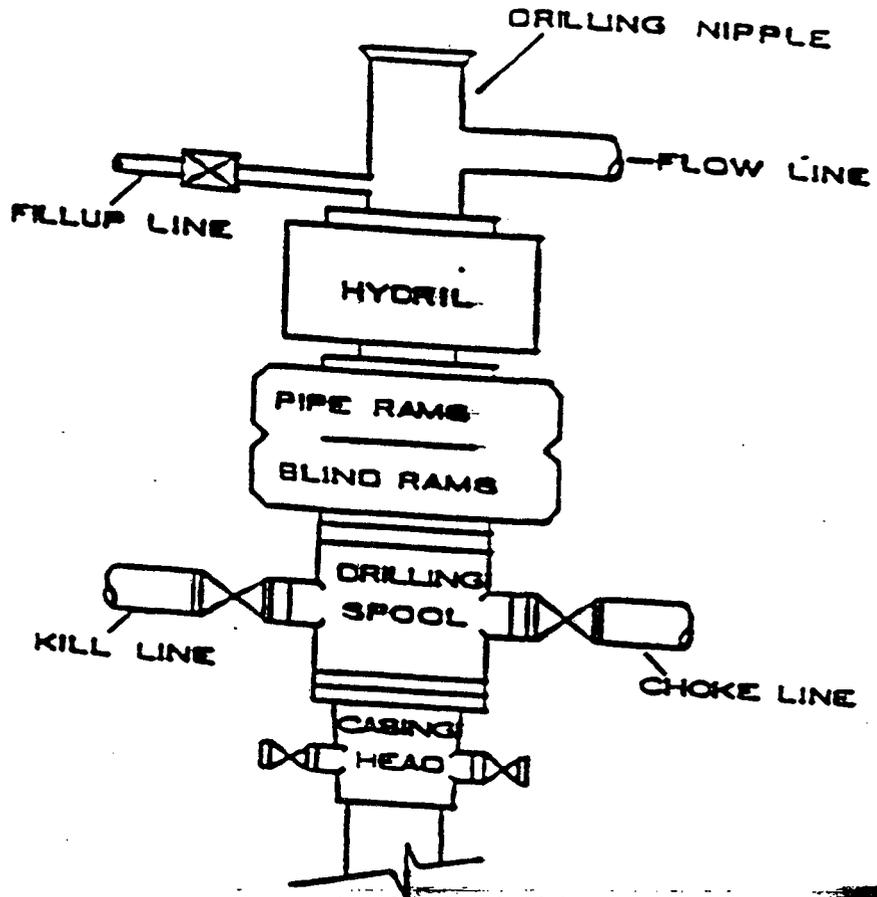
Please be advised that **Dominion Exploration & Production, Inc.** is considered to be the operator of Well No. **15-21L**, located in the **SW ¼ SE ¼ of Section 21, T11S, R25E in Uintah County; Lease No. Fee – Cliffs Synfuel Corp.**; and is responsible under the terms and conditions of the lease for the operations conducted upon the leased lands. Bond coverage is provided by *Travelers Casualty and Surety Company of America*, Bond #76S 63050 361.



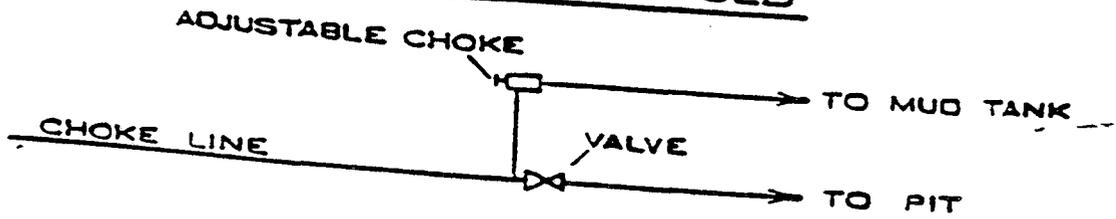
Diann Flowers  
Regulatory Specialist

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# BOP STACK



# CHOKER MANIFOLD



**DRILLING PLAN  
APPROVAL OF OPERATIONS**

30-Mar-01

**Attachment for Permit to Drill**

**Name of Operator:** Dominion Exploration & Production  
**Address:** Four Greenspoint Plaza  
 16945 Northchase Drive, Suite 1750  
 Houston, Texas 77060-2133

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**Well Location:** Cliffs15-21 L  
 Uintah County, Ut

**1 GEOLOGIC SURFACE FORMATION**

Uintah

**2 ESTIMATED DEPTHS OF IMPORTANT GEOLOGIC MARKERS**

| <u>Formation</u>  | <u>Depth</u> |
|-------------------|--------------|
| Wasatch Tongue    | 1,240'       |
| Green Rvr. Tongue | 1,420'       |
| Wasatch           | 1,500'       |
| Mesaverde         | 2,425'       |
| Mancos            | 4,000'       |
|                   |              |
|                   |              |

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

| <u>Formation</u>  | <u>Depth</u> | <u>Type</u> |
|-------------------|--------------|-------------|
| Wasatch Tongue    | 1,240'       | Oil         |
| Green Rvr. Tongue | 1,420'       | Oil         |
| Wasatch           | 1,500'       | Gas         |
| Mesaverde         | 2,425'       | Gas         |
| Mancos            | 4,000'       | Shale       |
|                   |              |             |
|                   |              |             |

**4 PROPOSED CASING PROGRAM**

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

| <u>Type</u> | <u>Size</u> | <u>Weight</u> | <u>Grade</u> | <u>Conn.</u> | <u>Top</u> | <u>Bottom</u> | <u>Hole</u> |
|-------------|-------------|---------------|--------------|--------------|------------|---------------|-------------|
| Conductor   | 13 3/8"     | 54.5 ppf      | K-55         | STC          | 0'         | 84'           | 17 1/2"     |
| Surface     | 8 5/8"      | 24.0 ppf      | K-55         | STC          | 0'         | 1,000'        | 12 1/4"     |
| Production  | 5 1/2"      | 17.0 ppf      | P-110        | LTC          | 0'         | 6,000'        | 7 7/8"      |

**5 OPERATOR'S MINIMUM SPECIFICATIONS FOR PRESSURE CONTROL**

BOP stack has a 3,000 psi working pressure.  
 Pipe rams will be operated daily and blind rams as possible.

**6 MUD SYSTEM**

KCL mud system will be used to drill well.  
 An air mist may be used to drill until first water is seen.

| <u>Interval</u> | <u>Density</u>     |
|-----------------|--------------------|
| 0' - 6,000'     | 1.2 ppg - 11.2 ppg |

7 BLOOIE LINE

An automatic igniter will not be installed on blooie line.  
A 90 degree targeted bend will be installed on blooie line about 50' from wellhead.  
The blooie line discharge will remain 100' from the wellhead.

8 AUXILIARY EQUIPMENT TO BE USED

- A. Kelly Cock.
- B. Full opening valve with DRILL PIPE connection will be kept on floor.  
Valve will be used when Kelly is not in string.

9 TESTING, LOGGING, AND CORING PROGRAMS TO BE FOLLOWED

A Drill Stem Test in the Wasatch Tongue is possible.  
One electric line wire-log will be run from TD to surface.  
The gamma ray will be left on to record from surface to TD.  
Other log curves (Resistivities, Porosity, and Caliper) will record from TD to Surface casing.  
A dipmeter, percussion cores, or rotary cores may be run over selected intervals.

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10 ANTICIPATED ABNORMAL PRESSURES OR TEMPERATURES EXPECTED

Abnormal pressure is expected at 2,200'. No abnormal temperature is anticipated.  
The formations to be penetrated do not contain known H<sub>2</sub>S gas.

The anticipated bottom hole pressure is 3,338 psi.

11 WATER SUPPLY

No water pipelines will be laid for this well.  
No water well will be drilled for this well.  
Drilling water for this will be hauled on the road(s) shown in Attachment No. 3.  
Water will be hauled from : Section 22- T11S-R25E

# 49-1639

12 CEMENT SYSTEMS

- A. Conductor Cement:  
Ready mix cement filled from surface, prior to rig moving on.
- B. Surface Casing Cement:
  - a Drill 12 1/4" hole to +/- 1,000", run and cement 8 5/8" to surface.
  - b Pump 20 bbls lightly water spacer followed by 5 bbls fresh water. Displace with any available water.
  - c Run 1" tubing in annulus to ± 85' and cement to surface.
  - d Note : Repeat Top Out until cement remains at surface.
  - e Casing to be run with: a) guide shoe b) insert float c) three (3) centralizers, one on each of first 3 joints d) stop ring for plug two joints off bottom e) bottom three joints thread locked f) pump job with bottom plug only.

| <u>Type</u> | <u>Sacks</u> | <u>Interval:</u> | <u>Density</u> | <u>Yield</u> | <u>Hole</u>    |                | <u>Cement</u>  | <u>Excess</u> |
|-------------|--------------|------------------|----------------|--------------|----------------|----------------|----------------|---------------|
|             |              |                  |                |              | <u>Volume:</u> | <u>Volume:</u> | <u>Volume:</u> |               |
| Lead        | 210 Sx       | 0' - 500'        | 12.5 ppg       | 2.03 CFS     | 211 CF         | 426 CF         | 102%           |               |
| Tail        | 380 Sx       | 500' - 1,000'    | 15.8 ppg       | 1.17 CFS     | 220 CF         | 445 CF         | 102%           |               |
| Top Out     | 70 Sx        | 0' - 85'         | 15.8 ppg       | 1.17 CFS     | 39 CF          | 82 CF          | 110%           |               |

Lead Mix:

Prem Lite II Cement, 8% Gel extender, 0.5% Sodium Metasilicate extender, 3 lb/sk  
Course Gannular LCM: Kol Sel, 1/4 lb/sk Cellophane Flakes LCM, 2% Calcium Chloride  
accelerator, 10.83 gps water

Pump Time : 4+ hours @ 85 °F.

Compressives @ 120 °F: 24 Hour is 500 psi

Tail Mix:

Class "G" Cement, 1/4 lb/sk Cellophane Flakes Lost Return Material, 1-to-2% Calcium Chloride accelerator, & 5.00 gps water

Pump Time : 2 Hours @ 120 °F.  
Compressives @ 120 °F: 24 Hour is 2,000 psi

Top Out:

Class "G" Cement, 1/4 lb/sk Cellophane Flakes Lost Return Material, 1-to-2% Calcium Chloride accelerator, & 5.00 gps water

C. Production Casing Cement:

- a Drill 7 7/8" hole to +/- 6,000", run and cement 5 1/2" to surface.
- b Only Tail cement to be used.
- c Pump 50 bbl unweighted spacer.
- d Displace with 3% KCl.

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| Type | Sacks  | Interval:       | Density  | Yield    | Hole    |          | Cement |  |
|------|--------|-----------------|----------|----------|---------|----------|--------|--|
|      |        |                 |          |          | Volume: | Volume:  | Excess |  |
| Lead | 90 Sx  | 0' - 1,000'     | 11.5 ppg | 2.85 CFS | 211 CF  | 426 CF   | 0 CF   |  |
| Tail | 705 Sx | 1,000' - 6,000' | 41.2 ppg | 1.51 CFS | 879 CF  | 1,065 CF | 21%    |  |

Lead Mix:

Prem Lite II Cement, 10% Gel extender, 0.5% Sodium Metasilicate extender, 1/4 lb/sk Cellophane Flakes LCM, 3 lb/sk Silica Fume high strength ba-90, 3% Potassium Chloride clay inhibitor, 0.05 lb/sk Static Free anti foaming agent, 0.2% retarder, & 16.78 gps water

Pump Time : 5+ hours @ 155 °F.  
Fluid Loss is 240 cc / 30 minutes.  
Compressives @ 200 °F: 24 Hour is 525 psi

Tail Mix:

Prem II Cement, 1/4 lb/sk Cellophane Flakes LCM, 2 lb/sk Kol Seal Coarse Inert LCM, 3% Potassium Chloride clay inhibitor, 0.7% fluid loss & bonding additive FL-62, 0.1% retarder R-3, & 7.32 gps water

Pump Time : 3 Hours @ 102 °F.  
Fluid Loss : is 138 cc / 30 minutes.  
Compressives @ 130 °F: 24 Hour is 2,875 psi

**13 ANTICIPATED STARTING DATE AND DURATION OF THE OPERATIONS**

Starting Date: 14-Apr-01  
Duration: 14 Days

# DOMINION EXPLR. & PROD., INC.

## CLIFFS #15-21L

LOCATED IN UINTAH COUNTY, UTAH  
SECTION 21, T11S, R25E, S.L.B.&M.

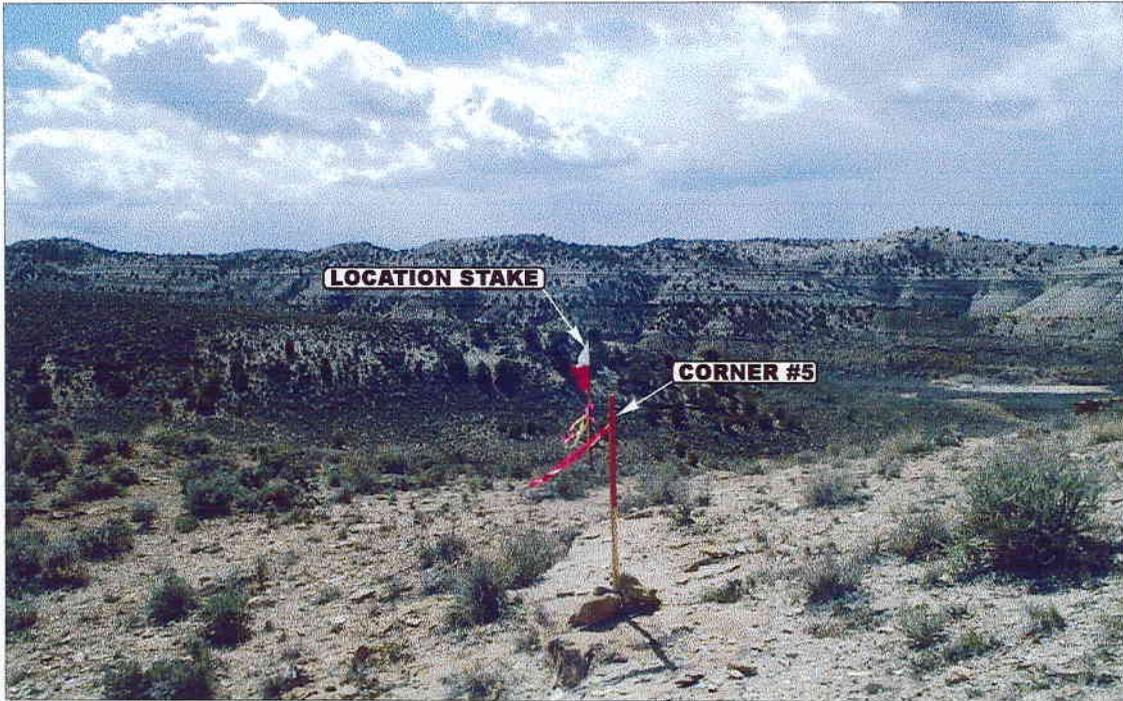


PHOTO: VIEW FROM CORNER #5 TO LOCATION STAKE

CAMERA ANGLE: SOUTHWESTERLY



PHOTO: VIEW FROM BEGINNING OF PROPOSED ACCESS

CAMERA ANGLE: EASTERLY

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- Since 1964 -

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

LOCATION PHOTOS

3 29 01  
MONTH DAY YEAR

PHOTO

TAKEN BY: G.S.

DRAWN BY: P.M.

REVISED: 00-00-00

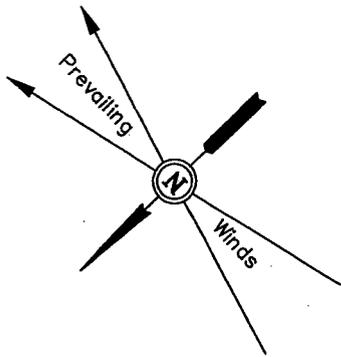
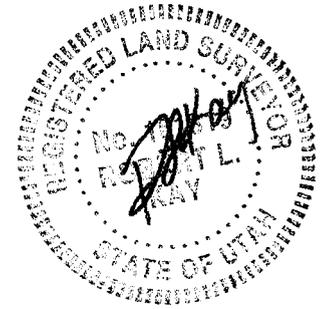
DOMINION EXPLR. & PROD., INC.

LOCATION LAYOUT FOR

CLIFFS #15-21L

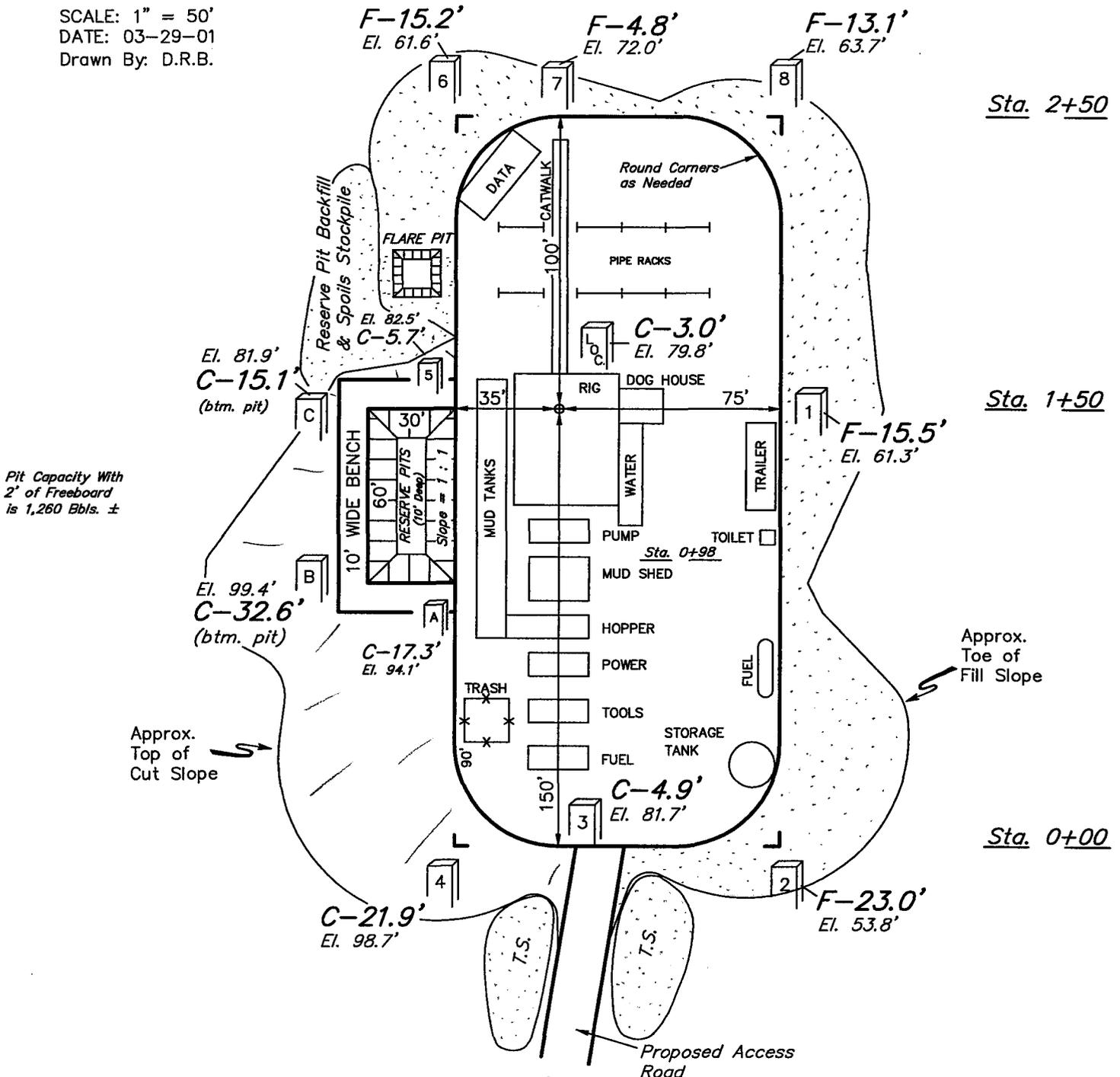
SECTION 21, T11S, R25E, S.L.B.&M.

515' FSL 1987' FEL



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SCALE: 1" = 50'  
DATE: 03-29-01  
Drawn By: D.R.B.



Pit Capacity With 2' of Freeboard is 1,260 Bbls. ±

Elev. Ungraded Ground at Location Stake = 5679.8'

Elev. Graded Ground at Location Stake = 5676.8'

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

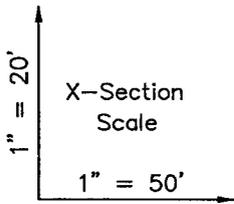
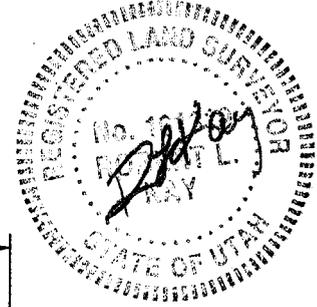
**DOMINION EXPLR. & PROD., INC.**

**TYPICAL CROSS SECTIONS FOR**

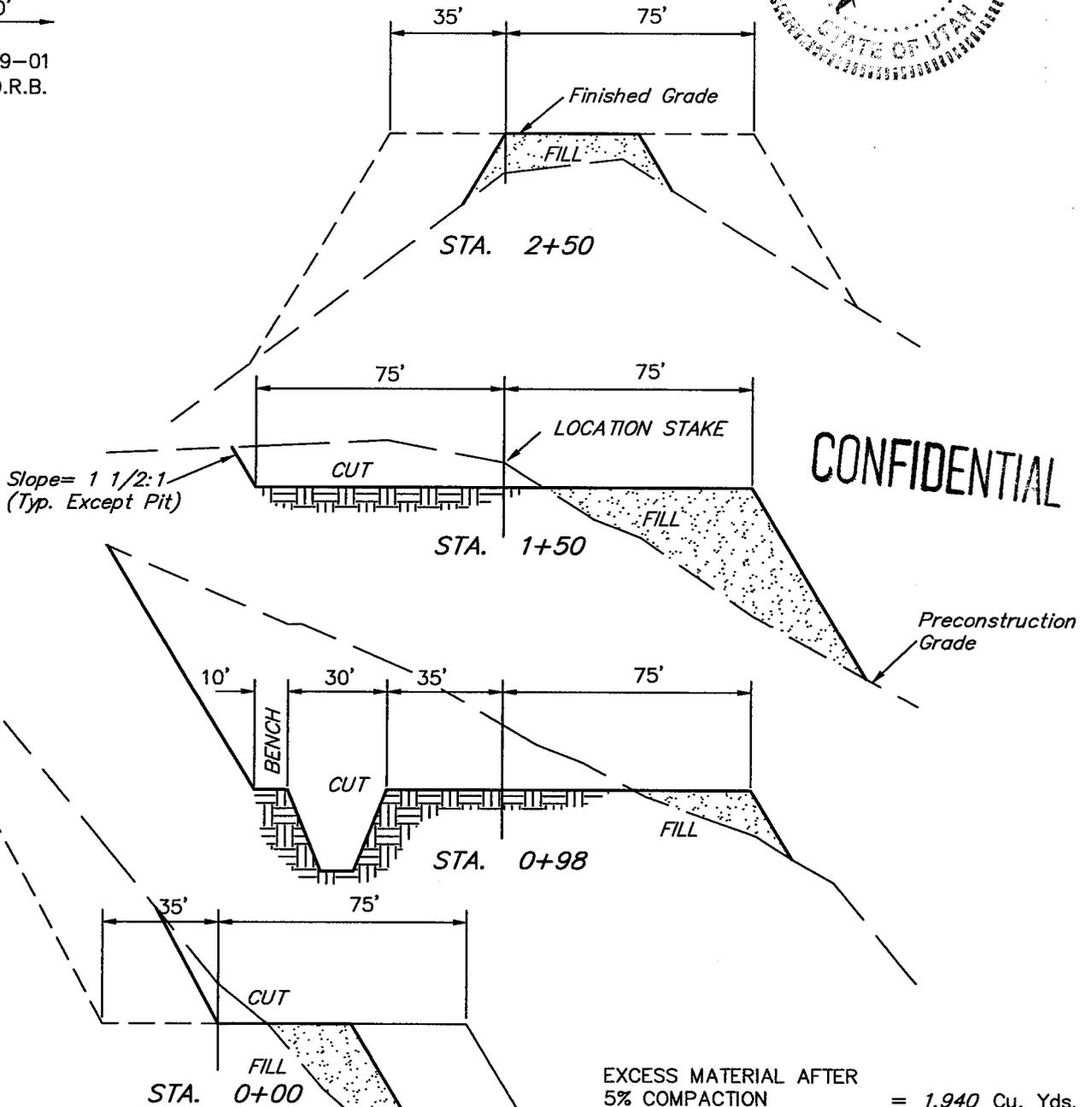
**CLIFFS #15-21L**

**SECTION 21, T11S, R25E, S.L.B.&M.**

**515' FSL 1987' FEL**



DATE: 03-29-01  
Drawn By: D.R.B.



**CONFIDENTIAL**

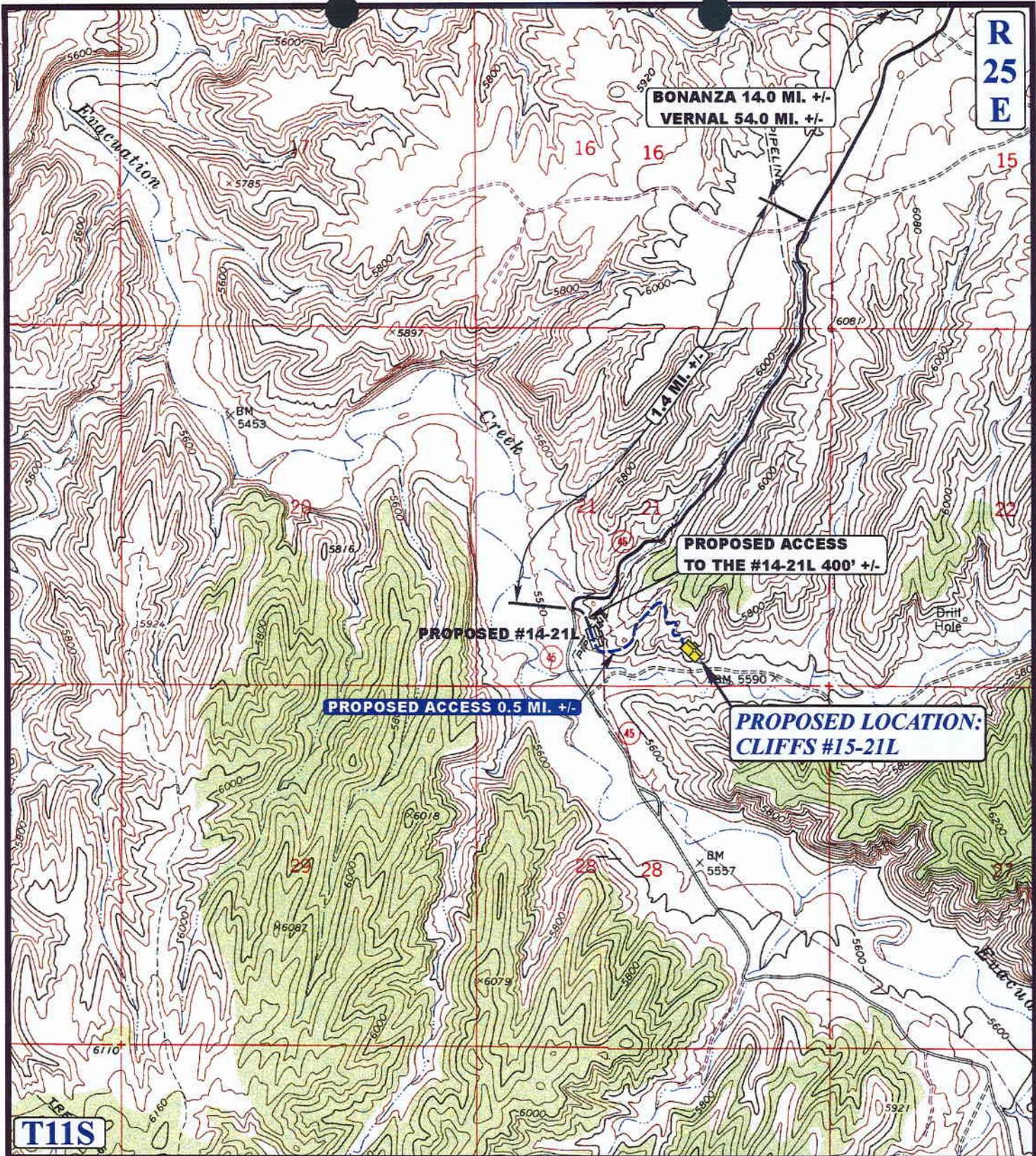
**NOTE:**  
Topsoil should not be Stripped Below Finished Grade on Substructure Area.

EXCESS MATERIAL AFTER 5% COMPACTION = 1,940 Cu. Yds.  
Topsoil & Pit Backfill (1/2 Pit Vol.) = 760 Cu. Yds.  
EXCESS UNBALANCE (After Rehabilitation) = 1,180 Cu. Yds.

**APPROXIMATE YARDAGES**

|                        |                        |
|------------------------|------------------------|
| <b>CUT</b>             |                        |
| (6") Topsoil Stripping | = 570 Cu. Yds.         |
| Remaining Location     | = 7,900 Cu. Yds.       |
| <b>TOTAL CUT</b>       | <b>= 8,470 CU.YDS.</b> |
| <b>FILL</b>            | <b>= 6,200 CU.YDS.</b> |





**LEGEND:**

- PROPOSED ACCESS ROAD
- EXISTING ROAD

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

**CLIFFS #15-21L**  
**SECTION 21, T11S, R25E, S.L.B.&M.**  
**515' FSL 1987' FEL**

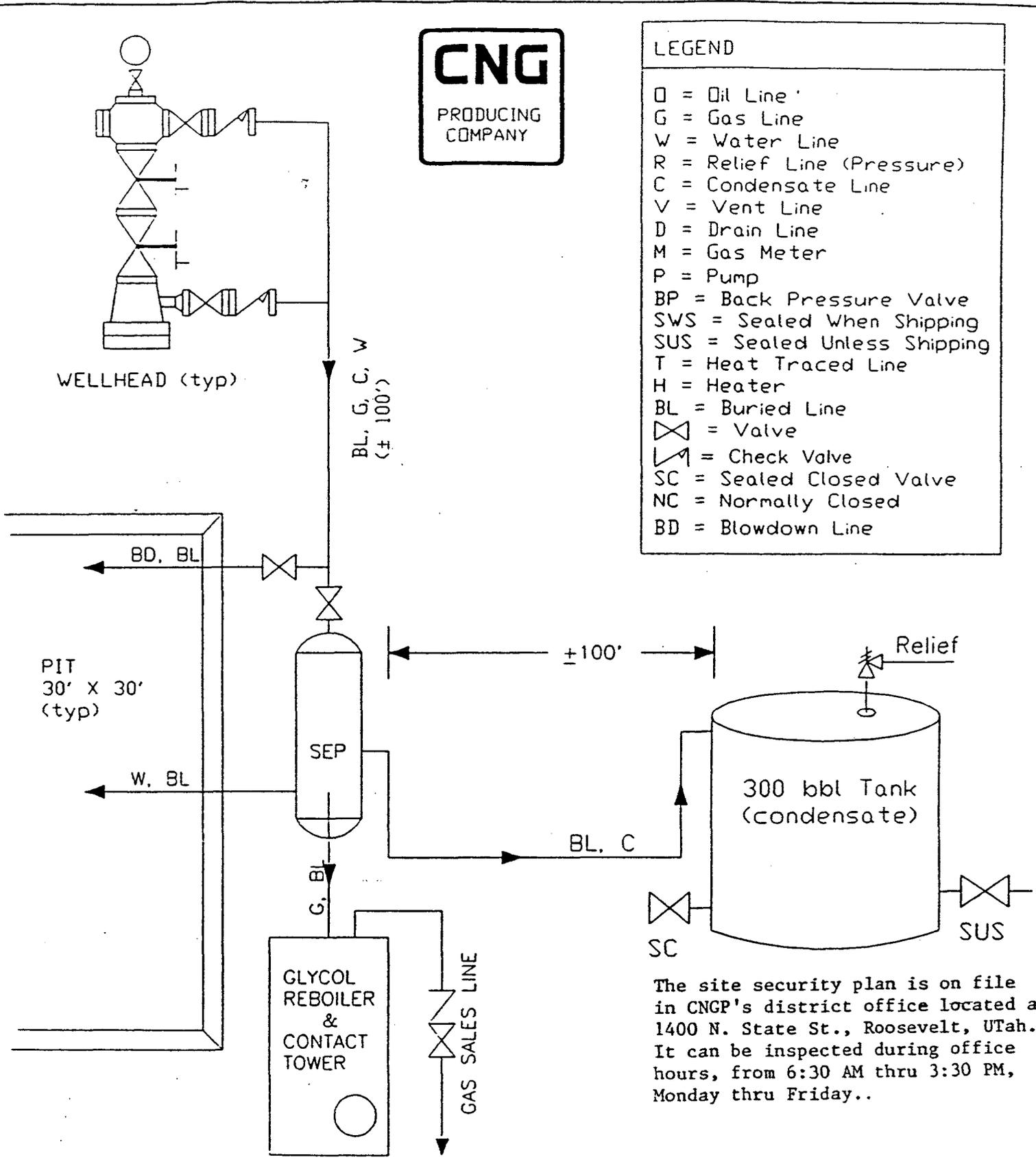
**UEIS** Uintah Engineering & Land Surveying  
 85 South 200 East Vernal, Utah 84078  
 (435) 789-1017 \* FAX (435) 789-1813



|                    |                |                   |                  |
|--------------------|----------------|-------------------|------------------|
| <b>TOPOGRAPHIC</b> | <b>3</b>       | <b>29</b>         | <b>01</b>        |
| <b>MAP</b>         | MONTH          | DAY               | YEAR             |
| SCALE: 1" = 2000'  | DRAWN BY: P.M. | REVISED: 00-00-00 | <b>B</b><br>TOPO |



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



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

# CNG PRODUCING COMPANY

|       |                                |              |
|-------|--------------------------------|--------------|
| Well: | RIVER BEND FIELD, UINTA COUNTY | not to scale |
|       | TYPICAL FLOW DIAGRAM           | date: / /    |

**WORKSHEET  
APPLICATION FOR PERMIT TO DRILL**

APD RECEIVED: 04/02/2001

|                                |
|--------------------------------|
| API NO. ASSIGNED: 43-047-34012 |
|--------------------------------|

WELL NAME: CLIFFS 15-21L  
 OPERATOR: DOMINION EXPL & PROD ( N1095 )  
 CONTACT: DIANN FLOWERS

PHONE NUMBER: 281-873-3692

PROPOSED LOCATION:

SWSE 21 110S 250E  
 SURFACE: 0515 FSL 1987 FEL  
 BOTTOM: 0515 FSL 1987 FEL  
 UINTAH  
 WILDCAT ( 1 )

| INSPECT LOCATN BY: / / |            |         |
|------------------------|------------|---------|
| Tech Review            | Initials   | Date    |
| Engineering            | <i>RAM</i> | 4/18/01 |
| Geology                |            |         |
| Surface                |            |         |

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

PROPOSED FORMATION: WSMVD

RECEIVED AND/OR REVIEWED:

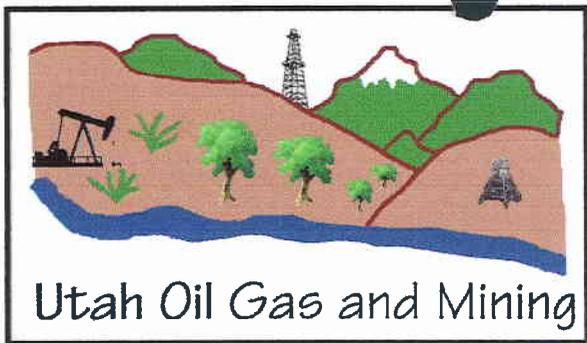
- Plat
- Bond: Fed[] Ind[] Sta[] Fee[4]  
(No. 76S6305060 )
- Potash (Y/N) *\*Amended by 190-13*
- Oil Shale (Y/N) \*190-5 (B) or 190-3
- Water Permit  
(No. 49-1639 )
- RDCC Review (Y/N)  
(Date: 04/19/2001 / *Comments Due.*)
- Fee Surf Agreement (Y/N)

LOCATION AND SITING:

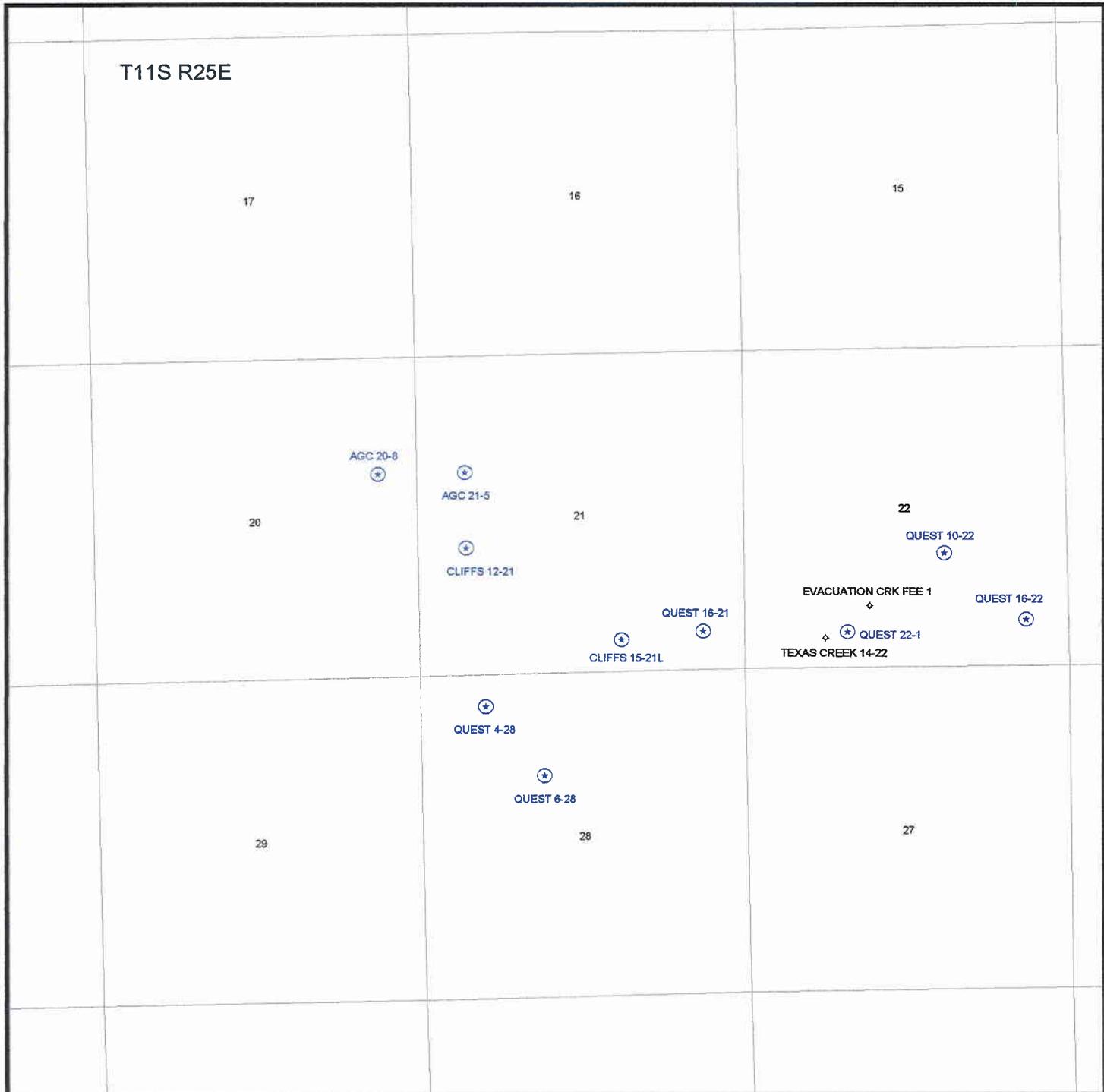
- R649-2-3. Unit \_\_\_\_\_
- R649-3-2. General
- Siting: 460 From Qtr/Qtr & 920' Between Wells
- R649-3-3. Exception
- Drilling Unit
- Board Cause No: 206-3
- Eff Date: 8-1-2001
- Siting: 460' fr. Qtr/Qtr & 920' between wells
- R649-3-11. Directional Drill

COMMENTS: Need Presite. (4-11-01)

- STIPULATIONS:
- ① STATEMENT OF BASIS
  - ② OIL SHALE
  - ③ RDCC



OPERATOR: DOMINION E&P (N1095)  
 SEC. 21, T11S, R25E  
 FIELD: WILDCAT (001)  
 COUNTY: UINTAH



# 04-01 Dominion Cliffs 15-24L

## Casing Schematic

Surface

TOC @  
0.

~ w/24% washout

TOC @  
592.

Surface  
1000. MD

8-5/8"  
MW 8.3  
Frac 19.3

BOP

$$.052 (10.7) 6000 = 3338$$

$$.12 (6000) = \underline{720}$$

$$\underline{2618 \text{ psi}}$$

3M - SRRA - BOP is

ADEQUATE. Ram 4/18/01

~ Plus 70% TOP SOB

~ w/10% washout

5-1/2"  
MW 10.7

Production  
6000. MD

|              |                                     |             |              |
|--------------|-------------------------------------|-------------|--------------|
| Well name:   | <b>04-01 Dominion Cliffs 15-21L</b> |             |              |
| Operator:    | <b>Dominion E &amp; P</b>           | Project ID: | 43-047-34012 |
| String type: | Production                          |             |              |
| Location:    | Uintah Co.                          |             |              |

**Design parameters:**

**Collapse**

Mud weight: 10.700 ppg  
 Design is based on evacuated pipe.

**Minimum design factors:**

**Collapse:**

Design factor 1.125

**Burst:**

Design factor 1.00

**Environment:**

H2S considered? No  
 Surface temperature: 65 °F  
 Bottom hole temperature: 149 °F  
 Temperature gradient: 1.40 °F/100ft  
 Minimum section length: 368 ft

Cement top: 592 ft

**Burst**

Max anticipated surface pressure: 0 psi  
 Internal gradient: 0.556 psi/ft  
 Calculated BHP 3,335 psi

No backup mud specified.

**Tension:**

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

Tension is based on air weight.  
 Neutral point: 5,026 ft

Non-directional string.

| Run Seq | Segment Length (ft) | Size (in)               | Nominal Weight (lbs/ft) | Grade            | End Finish           | True Vert Depth (ft) | Measured Depth (ft) | Drift Diameter (in)     | Internal Capacity (ft³) |
|---------|---------------------|-------------------------|-------------------------|------------------|----------------------|----------------------|---------------------|-------------------------|-------------------------|
| 1       | 6000                | 5.5                     | 17.00                   | P-110            | LT&C                 | 6000                 | 6000                | 4.767                   | 206.8                   |
| Run Seq | Collapse Load (psi) | Collapse Strength (psi) | Collapse Design Factor  | Burst Load (psi) | Burst Strength (psi) | Burst Design Factor  | Tension Load (Kips) | Tension Strength (Kips) | Tension Design Factor   |
| 1       | 3335                | 7480                    | 2.24                    | 3335             | 10640                | 3.19                 | 102                 | 445                     | 4.36 J                  |

Prepared R.A.McKee  
 by: Utah Dept. of Natural Resources

Date: April 18,2001  
 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 6000 ft, a mud weight of 10.7 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>04-01 Dominion Cliffs 15-21L</b> |             |              |
| Operator:    | <b>Dominion E &amp; P</b>           | Project ID: | 43-047-34012 |
| String type: | Surface                             |             |              |
| Location:    | Uintah Co.                          |             |              |

**Design parameters:**

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

**Minimum design factors:**

**Collapse:**  
 Design factor 1.125

**Environment:**

H2S considered? No  
 Surface temperature: 65 °F  
 Bottom hole temperature: 79 °F  
 Temperature gradient: 1.40 °F/100ft  
 Minimum section length: 185 ft

**Burst**

Max anticipated surface pressure: 0 psi  
 Internal gradient: 0.556 psi/ft  
 Calculated BHP 556 psi

No backup mud specified.

**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: 875 ft

Cement top: Surface

Non-directional string.

**Re subsequent strings:**

Next setting depth: 6,000 ft  
 Next mud weight: 10.700 ppg  
 Next setting BHP: 3,335 psi  
 Fracture mud wt: 19.250 ppg  
 Fracture depth: 1,000 ft  
 Injection pressure 1,000 psi

| Run Seq | Segment Length (ft) | Size (in)               | Nominal Weight (lbs/ft) | Grade            | End Finish           | True Vert Depth (ft) | Measured Depth (ft) | Drift Diameter (in)     | Internal Capacity (ft³) |
|---------|---------------------|-------------------------|-------------------------|------------------|----------------------|----------------------|---------------------|-------------------------|-------------------------|
| 1       | 1000                | 8.625                   | 24.00                   | K-55             | ST&C                 | 1000                 | 1000                | 7.972                   | 48.2                    |
| 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       | 433                 | 1370                    | 3.17                    | 556              | 2950                 | 5.31                 | 24                  | 263                     | 10.96 J                 |

Prepared R.A.McKee  
 by: Utah Dept. of Natural Resources

Date: April 18,2001  
 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 1000 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.*

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

**Operator Name:** DOMINION EXPLORATION & PROD. INC.  
**Well Name & Number:** CLIFFS 15-21L  
**API Number:** 43-047-34012  
**Location:** 1/4,1/4 SW/SE Sec. 21 T. 11S R. 25E

**Geology/Ground Water:**

Dominion proposes to set 1,000' of surface casing at this location. The depth to the base of the moderately saline water at this location is estimated to be at a depth of 5500' (below the proposed total depth for the well in question). A search of Division of Water Rights records shows 4 water wells within a 10,000 foot radius of the center of section 21. All are industrial use wells with depths ranging from 100-750'. The surface formation at this site is the oil shale zone of the Green River Formation. The Green River Formation is made up of interbedded limestones, shales and sandstones. The operator proposes cementing all strings of casing to surface. This should adequately protect any underground sources of useable water as well as the oil shale section.

**Reviewer:** Brad Hill  
**Date:** 04/16/2001

**Surface:**

The pre-drill investigation of the surface was performed on 4/11/2001. Surface owner is Cliffs Synfuel Corp. Gary Aho (Cliffs Synfuels President) was invited to this investigation but did not attend. At an earlier date he did visit this site with Ed Trotter. According to Mr. Trotter, he approved of the location and access road. While this site is the best possible site for a well within the drilling window of this quarter/quarter, it is on an extremely steep slope in an area that has numerous sandstone outcroppings. Mr. Hall with Dominion estimated that the construction cost of the access road alone would be in excess of \$100,000. I suggested the possibility of drilling this well directionally from the bottom of Park Canyon. Mr. Bullard with Dominion stated that directionally drilling would not be feasible because of the shallow production zone. Because of the necessity of blasting to construct the reserve pit, a felt sub-liner as well as a 12 mil liner will be required in the reserve pit.

**Reviewer:** David W. Hackford  
**Date:** 4/11/2001

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

1. A felt sub-liner as well as a 12 mil plastic liner will be required for reserve pit.

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

OPERATOR: DOMINION EXPLORATION & PROD. INC.  
WELL NAME & NUMBER: CLIFFS 15-21L  
API NUMBER: 43-047-34012  
LEASE: FEE FIELD/UNIT: WILDCAT  
LOCATION: 1/4, 1/4 SW/SE SEC: 21 TWP: 11S RNG: 25E  
1987' F E L 515' F S L

LEGAL WELL SITING: Statewide 400 foot window in center of 40  
acre tract and no closer than 920 feet from  
another well.

GPS COORD (UTM): 12660767E 4411876N  
SURFACE OWNER: CLIFFS SYNFUEL CORP.

**PARTICIPANTS:**

BILL BULLARD, DIANE FLOWER, ED TROTTER, MITCH HALL, (DOMINION):  
GARY STREETER (UELS): DAVID HACKFORD (DOGM):

**REGIONAL/LOCAL SETTING & TOPOGRAPHY:**

SITE IS 15.9 MILES SOUTH OF BONANZA, UTAH. LOCATION WOULD BE ON  
THE SIDE OF AN EXTREMELY STEEP RIDGE IN AN AREA OF PROTRUDING  
SANDSTONE OUTCROPPINGS AND RUGGED, NARROW DRAWS DRAINING SOUTH  
TOWARD PARK VALLEY 800' AWAY. EVACUATION CREEK IS 0.5 MILES WEST.

**SURFACE USE PLAN:**

CURRENT SURFACE USE: WILDLIFE AND LIVESTOCK GRAZING.

PROPOSED SURFACE DISTURBANCE: LOCATION WOULD BE 250' BY  
140'. ACCESS ROAD IS 0.5 MILES.

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

LOCATION OF PRODUCTION FACILITIES AND PIPELINES: ALL  
PRODUCTION FACILITIES WILL BE ON LOCATION AND CONSTRUCTED  
AFTER WELL IS DRILLED AND COMPLETED. THE PIPELINE TO THIS  
WELL IF NEEDED WILL BE SURVEYED LATER.

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, JUNIPER, GREASEWOOD, CHEAT GRASS, SHADSCALE, SAGE: RODENTS, COYOTES, SONGBIRDS, RAPTORS, PRONGHORN, DEER, ELK, COUGAR, BLACK BEAR.

SOIL TYPE AND CHARACTERISTICS: BROWN SANDY CLAY LOAM.

EROSION/SEDIMENTATION/STABILITY: SOME NATURAL EROSION. SEDIMENTATION AND STABILITY ARE NOT A PROBLEM BUT LOCATION MUST BE PROTECTED FROM RUNOFF TO KEEP EROSION AT A MINIMUM.

PALEONTOLOGICAL POTENTIAL: NONE OBSERVED.

**RESERVE PIT:**

CHARACTERISTICS: 30' BY 60' AND 10' DEEP.

LINER REQUIREMENTS (Site Ranking Form attached): A 12 MIL LINER WITH FELT SUB-LINER WILL BE REQUIRED.

**SURFACE RESTORATION/RECLAMATION PLAN:**

AS PER LANDOWNER AGREEMENT.

**SURFACE AGREEMENT:** NO.

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

**OTHER OBSERVATIONS/COMMENTS:**

THE PRE-DRILL INVESTIGATION TOOK PLACE ON A COOL, CLEAR DAY.

**ATTACHMENTS:**

PHOTOS OF SITE WILL BE PLACED ON FILE.

DAVID W. HACKFORD

4/11/2001 -10:30 AM

**DOGM REPRESENTATIVE**

**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>5</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>0</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>20</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>0</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>30</u>           |





UTAH DIVISION OF WATER RIGHTS  
 NWPLAT POINT OF DIVERSION LOCATION PROGRAM

| MAP CHAR | WATER RIGHT | QUANTITY CFS AND/OR AC-FT | SOURCE DESCRIPTION or WELL INFO DIAMETER | DEPTH                  | YEAR LOG | POINT OF DIVERSION DESCRIPTION NORTH EAST CNR SEC TWN RNG B&M        |
|----------|-------------|---------------------------|--|------------------------|----------|--|
| 0        | 49 1587     | .0000<br>1.93             | 6  | 100 - 500              |          | N 1200 W 1320 SE 16 11S 25E SL<br>PRIORITY DATE: 10/26/199<br>Denver |
|          |             |                           |  | 555 Seventeenth Street |          |  |
| 1        | 49 1586     | .0000<br>1.93             | 6  | 100 - 500              |          | N 1121 W 1735 SE 15 11S 25E SL<br>PRIORITY DATE: 10/26/199<br>Denver |
|          |             |                           |  | 555 Seventeenth Street |          |  |
| 2        | 49 1588     | .0000<br>1.93             | 6  | 100 - 500              |          | S 1000 W 1800 NE 21 11S 25E SL<br>PRIORITY DATE: 10/26/199<br>Denver |
|          |             |                           |  | 555 Seventeenth Street |          |  |
| 3        | 49 1557     | .0000<br>2.00             | 6  | 100 - 500              | <u>N</u> | N 465 E 1363 SW 22 11S 25E SL<br>PRIORITY DATE: 05/01/199<br>Denver  |
|          |             |                           |  | 555 Seventeenth Street |          |  |
| 3        | 49 1614     | .0000<br>2.00             | 6  | 750                    | <u>Y</u> | N 465 E 1363 SW 22 11S 25E SL  |

WATER USE(S): OTHER  
Cliffs Synfuel Corporation

P.O. Box 1211, 818 Taughenbaugh Blvd.

PRIORITY DATE: 06/17/199  
Rifle

3 49 1639 .0000 48.00 6

750 1995 Y N 465 E 1363

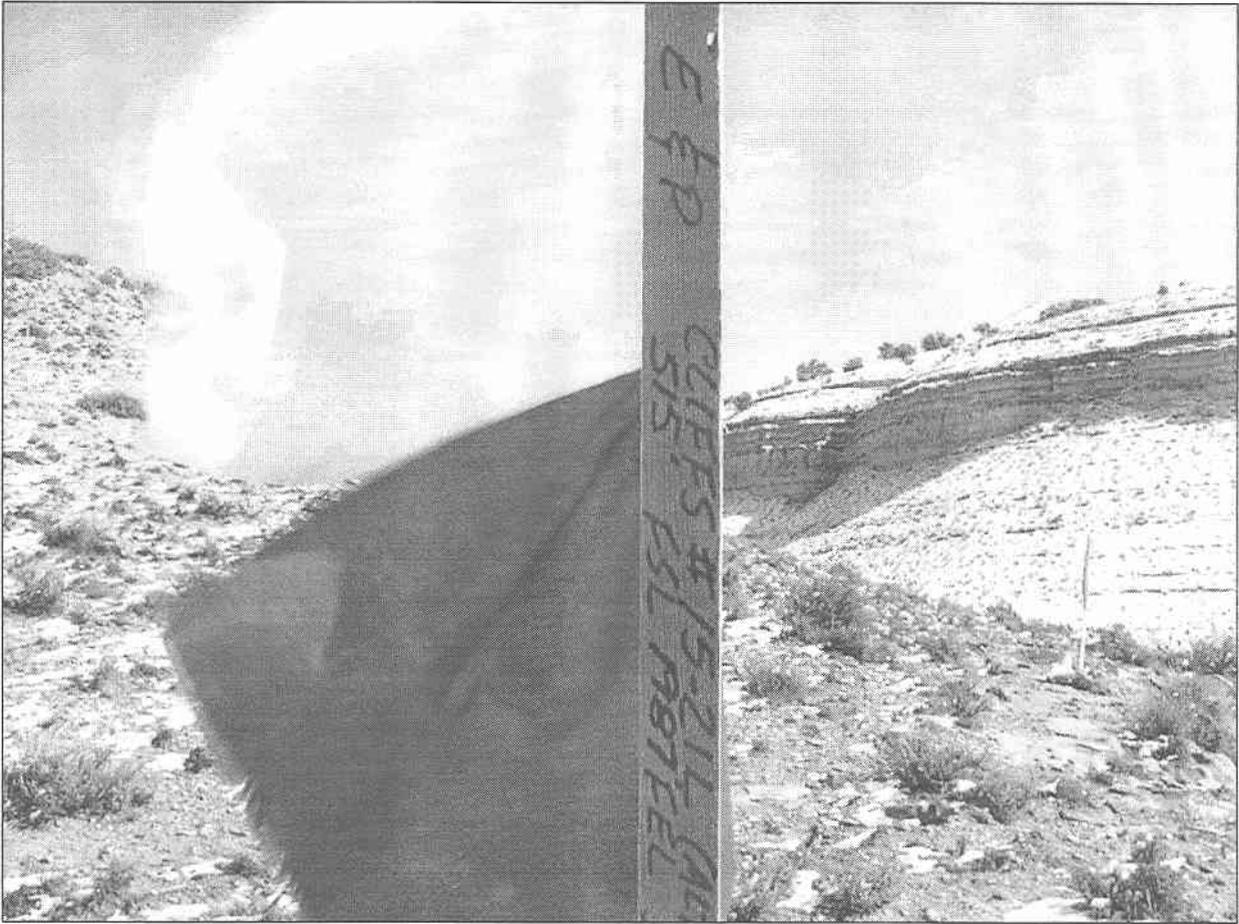
SW 22 11S 25E SL  
PRIORITY DATE: 01/27/200

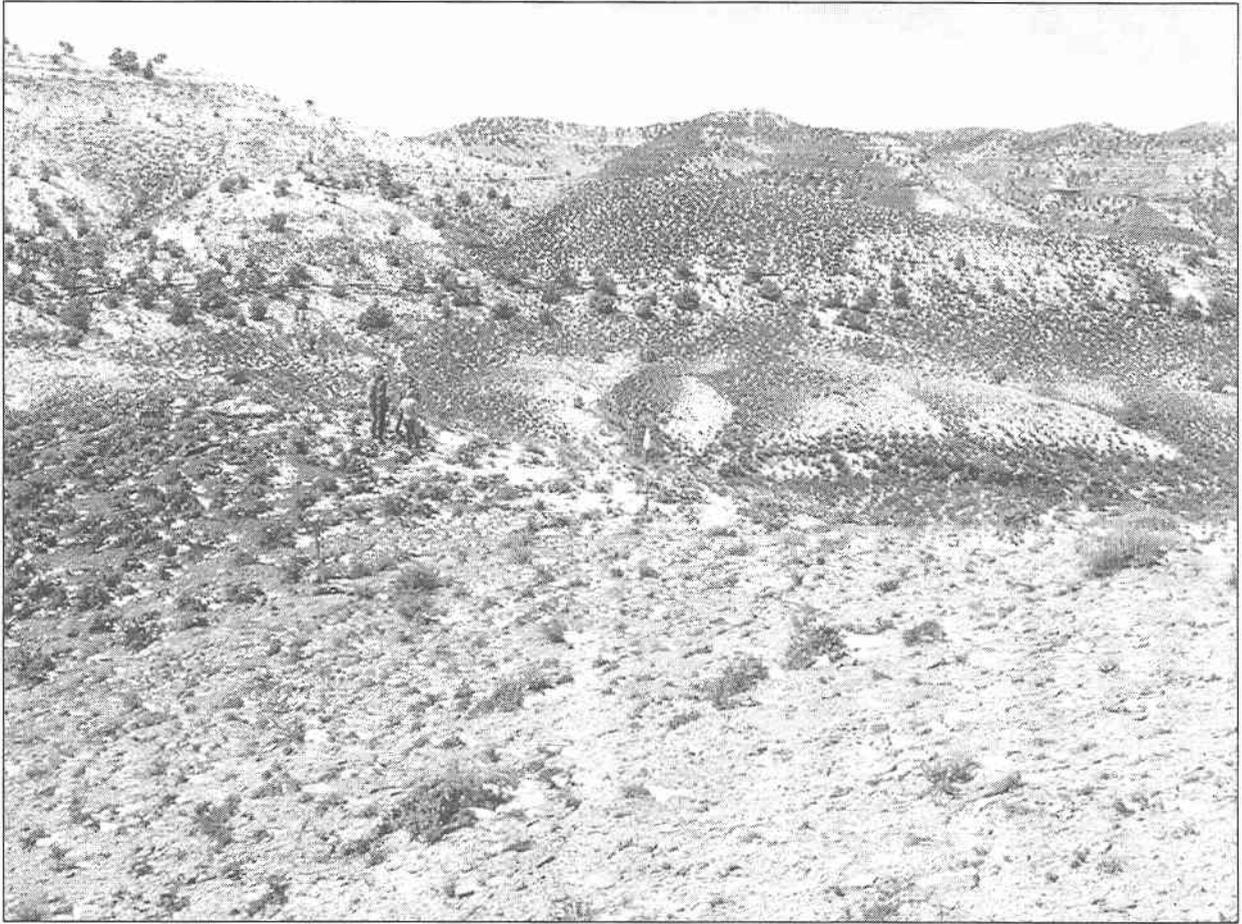
WATER USE(S): OTHER  
Cliffs Synfuel Corp.

P.O. Box 1211

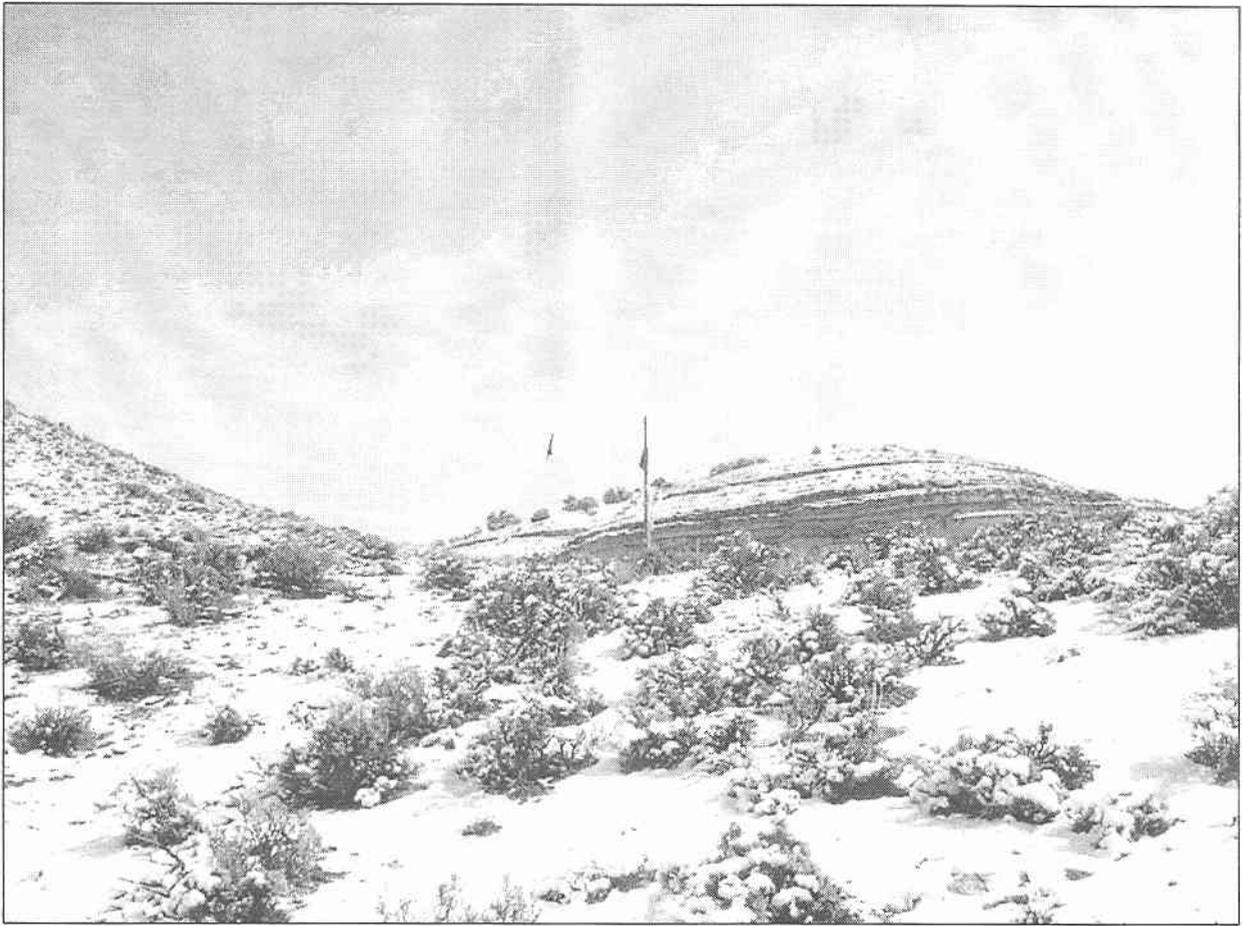
Rifle

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range.

Will Comment    Comments Due to GOPB 04/25/2001

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## 404 Permits

Project Number: 666

Sponsor: Dept of Army/Corps of Engineers

SLB&M: Sec. 32, 33, T6N, R5W

Counties Affected: Box Elder

Description: PN# 200150050 - discharge of fill material in connection with the construction of a boat harbor in the Great Salt Lake

Will Comment    Comments Due to GOPB 04/27/2001

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## FERC

Project Number: 654

Sponsor: FERC/Sunrise Engineering, Inc:

SLB&M:

Counties Affected: Iron

Description: Parowan City (Red Creek Project No. 2782) - First stage of consultation.

Will Comment    Comments Due to GOPB 04/25/2001

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Project Number: 668

Sponsor: FERC

SLB&M:

Counties Affected: Utah

Description: Springville City; Notice of Public Scoping for the Environmental Assessment Evaluating Issuance of a New License for the Bartholomew Hydroelectric Project in Utah County. Federal Register notice dated 4/5/01, page 18083.

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## Short Turn Around

Project Number: 643

Sponsor: USDA/Forest Service - Ashley Natl Forest

SLB&M:

Counties Affected:

Description: Special Use Permits.

Comments Due to Sponsor 04/23/2001

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Project Number: 657

Sponsor: Division of Oil, Gas and Mining

SLB&M: Sec. 21, T11S, R25E

Counties Affected: Uintah

Description: Application for Permit to Drill - proposal to drill the Cliffs 15-211, well (wildcat) on a Fee lease.

Comments Due to Sponsor 04/19/2001

43-047-34012

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## Stream Alterations

Project Number: 653

Sponsor: Division of Water Rights

SLB&M: Sec. 19, T9N, R1W

Counties Affected: Box Elder

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

FORM 3

AMENDED REPORT   
(highlight changes)

|   |  |   |   |
|---|--|---|---|
| <b>APPLICATION FOR PERMIT TO DRILL</b>  |  |   | 5. LEASE DESIGNATION AND SERIAL NUMBER:<br><i>FEE - Cliffs Synfuel Corp.</i>              |
| 1A. TYPE OF WORK: DRILL <input checked="" type="checkbox"/> REENTER <input type="checkbox"/> DEEPEN <input type="checkbox"/>  |  |   | 6. IF INDIAN, ALLOTTEE OR TRIBE NAME:   |
| B. TYPE OF WELL: OIL <input type="checkbox"/> GAS <input checked="" type="checkbox"/> OTHER: _____ SINGLE ZONE <input checked="" type="checkbox"/> MULTIPLE ZONE <input type="checkbox"/> |  |   | 7. UNIT or CA AGREEMENT NAME:   |
| 2. NAME OF OPERATOR:<br><i>DOMINION EXPLORATION &amp; PRODUCTION, INC.</i>  |  |   | 8. WELL NAME and NUMBER:<br><i>CLIFFS 15-21L</i>  |
| 3. ADDRESS OF OPERATOR:<br><i>16945 NORTHCHASE DRIVE, SUITE 1750 HOUSTON, TEXAS 77060</i>   |  | PHONE NUMBER:<br><i>(281) 873-3692</i>                      | 9. FIELD AND POOL, OR WILDCAT:<br><i>WILDCAT</i>  |
| 4. LOCATION OF WELL (FOOTAGES)<br><br>AT SURFACE: <i>515' FSL &amp; 1987' FEL</i><br><br>AT PROPOSED PRODUCING ZONE:  |  |   | 10. QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN:<br><br><i>SW SE of Sec. 21-T11S-R25E</i> |
| 13. DISTANCE IN MILES AND DIRECTION FROM NEAREST TOWN OR POST OFFICE:<br><i>15.9 miles South from Bonanza</i>   |  |   | 11. COUNTY: <i>UINTAH</i> 12. STATE: <i>UTAH</i>  |
| 14. DISTANCE TO NEAREST PROPERTY OR LEASE LINE (FEET)<br><br><i>515'</i>  | 15. NUMBER PF ACRES IN LEASE:<br><br><i>1800</i>                   | 16. NUMBER OF ACRES ASSIGNED TO THIS WELL:<br><br><i>40</i> |   |
| 17. DISTANCE TO NEAREST WELL (DRILLING, COMPLETED, OR APPLIED FOR) ON THIS LEASE (FEET)<br><br><i>2935'</i>   | 18. PROPOSED DEPTH:<br><br><i>6000'</i>                            | 19. BOND DESCRIPTION:<br><br><i>#76S 63050 361</i>          |   |
| 20. ELEVATIONS (SHOW WHETHER DF, RT, GR, ETC.):<br><br><i>GR: 5680'</i>   | 21. APPROXIMATE DATE WORK WILL START:<br><br><i>April 14, 2001</i> | 22. ESTIMATED DURATION:<br><br><i>14 days</i>               |   |

23. **PROPOSED CASING AND CEMENTING PROGRAM**

| SIZE OF HOLE   | CASING SIZE, GRADE, AND WEIGHT PER FOOT | SETTING DEPTH    | CEMENT TYPE, QUANTITY, YIELD, AND SLURRY WEIGHT |
|----------------|---|------------------|---|
| <i>17-1/2"</i> | <i>13-3/8", K-55, 54.5#</i>             | <i>+/- 84'</i>   | <i>CEMENT TO SURFACE</i>                        |
| <i>12-1/4"</i> | <i>8-5/8", K-55, 24#</i>                | <i>+/- 1000'</i> | <i>CEMENT TO SURFACE</i>                        |
| <i>7-7/8"</i>  | <i>5-1/2", P-110, 17#</i>               | <i>+/- 6000'</i> | <i>CEMENT TO SURFACE</i>                        |
|                |   |                  |   |
|                |   |                  |   |
|                |   |                  |   |

**CONFIDENTIAL**

24. **ATTACHMENTS**

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

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

NAME (PLEASE PRINT) *DIANN FLOWERS* TITLE *REGULATORY SPECIALIST*  
SIGNATURE *Diann Flowers* DATE *MARCH 30, 2001*

(This space for State use only)

**RECEIVED**

APR 02 2001

DIVISION OF  
OIL, GAS AND MINING

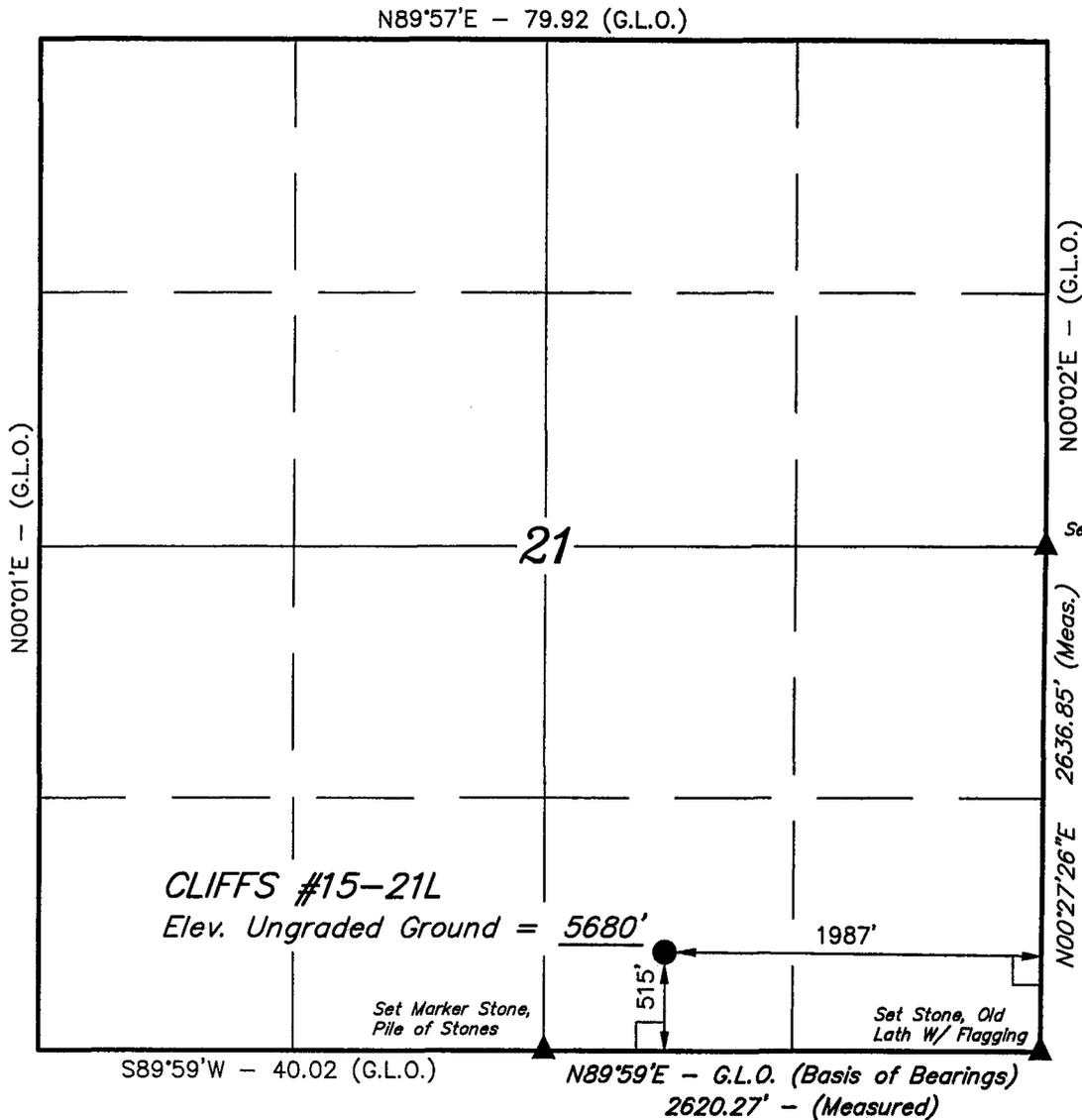
API NUMBER ASSIGNED: \_\_\_\_\_

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

T11S, R25E, S.L.B.&M.

DOMINION EXPLR. & PROD., INC.

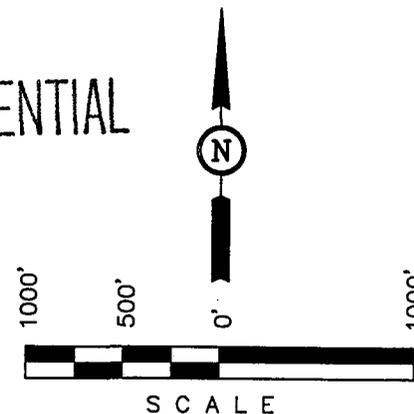
Well location, CLIFFS #15-21L, located as shown in the SW 1/4 SE 1/4 of Section 21, T11S, R25E, S.L.B.&M. Uintah County Utah.



BASIS OF ELEVATION

BENCH MARK (V61) LOCATED NEAR ROAD IN THE SE 1/4 OF SECTION 21, T11S, R25E, S.L.B.&M. TAKEN FROM THE DRAGON QUADRANGLE, UTAH-COLORADO, 7.5 MINUTE QUAD. (TOPOGRAPHIC MAP) PUBLISHED BY THE UNITED STATES DEPARTMENT OF THE INTERIOR, GEOLOGICAL SURVEY. SAID ELEVATION IS MARKED AS BEING 5590 FEET.

CONFIDENTIAL



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 L. Kay*

REGISTERED LAND SURVEYOR  
REGISTRATION NO. 161319  
STATE OF UTAH

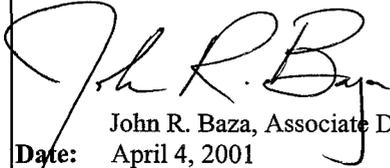
|  |                                       |                         |
|--|---------------------------------------|-------------------------|
| <b>UINTAH ENGINEERING &amp; LAND SURVEYING</b><br>85 SOUTH 200 EAST - VERNAL, UTAH 84078<br>(435) 789-1017 |                                       |                         |
| SCALE<br>1" = 1000'  | DATE SURVEYED:<br>03-28-01            | DATE DRAWN:<br>03-29-01 |
| PARTY<br>D.K. G.S. D.R.B.  | REFERENCES<br>G.L.O. PLAT             |                         |
| WEATHER<br>COLD  | FILE<br>DOMINION EXPLR. & PROD., INC. |                         |

LEGEND:

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

LATITUDE = 39°50'30"  
LONGITUDE = 109°07'12"

**STATE ACTIONS**  
**State Clearinghouse Coordinator**  
**116 State Capitol, SLC, UT 84114**  
**538-1535**

|  |   |
|--|---|
| <b>1. Administering State Agency</b><br>Oil, Gas and Mining<br>1594 West North Temple, Suite 1210<br>Salt Lake City, UT 84114-5801   | <b>2. State Application Identifier Number: (assigned by State Clearinghouse)</b>  |
|  | <b>3. Approximate date project will start:</b><br>Upon Approval   |
| <b>4. Areawide clearinghouse(s) receiving state action: (to be sent out by agency in block 1)</b><br><br>Uintah Basin Association of Governments   |   |
| <b>5. Type of action: // Lease /X/ Permit // License // Land Acquisition</b><br><br>// Land Sale // Land Exchange // Other _____   |   |
| <b>6. Title of proposed action:</b><br><br>Application for Permit to Drill   |   |
| <b>7. Description:</b><br><br>Dominion Exploration & Production, Inc. proposes to drill the Cliffs 15-21L well (wildcat) on a Fee lease, Uintah County, Utah. This action is being presented to the RDCC for consideration of resource issues affecting state interests. The Division of Oil, Gas and Mining is the primary administrative agency in this action and must issue approval before operations commence. |   |
| <b>8. Land affected (site location map required) (indicate county)</b><br><br>SW/4, SE/4, Section 21, Township 11 South, Range 25 East, Uintah County, Utah  |   |
| <b>9. Has the local government(s) been contacted?</b><br><br>No  |   |
| <b>10. Possible significant impacts likely to occur:</b><br><br>Degree of impact is based on the discovery of oil or gas in commercial quantities.   |   |
| <b>11. Name and phone of district representative from your agency near project site, if applicable:</b>  |   |
| <b>12. For further information, contact:</b><br><br>Lisha Cordova<br>Phone: (801) 538-5296   | <b>13. Signature and title of authorized officer</b><br><br>John R. Baza, Associate Director<br>Date: April 4, 2001 |

16945 Northchase Drive, Suite 1750  
Houston, Texas 77060  
Office: (281) 873-3692 Fax: (281) 873-3687



# Fax

|                              |                                      |
|------------------------------|--------------------------------------|
| <b>To:</b> Lisha Cordova     | <b>From:</b> Diann Flowers <i>df</i> |
| <b>Fax:</b> (801) 359-3940   | <b>Pages:</b> 2 with cover           |
| <b>Phone:</b> (801) 538-5296 | <b>Date:</b> 04/04/2001              |
| <b>Re:</b> Cliffs 15-21L APD | <b>CC:</b> Bill Bullard; well file   |

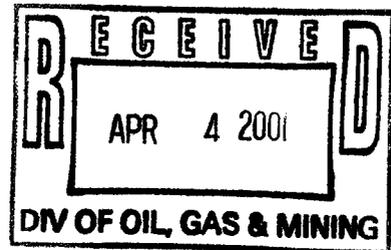
Urgent   
  For Review   
  Please Comment   
  Please Reply   
  Please Recycle

● **Comments:**

Attached is a copy of the surface use agreement with the surface owner. Please note that an archeological survey was waived. Please let me know if further information is required.

As always, I appreciate your assistance in these matters.

Have a great day!





**The Cleveland-Cliffs Iron Company**  
Subsidiary of Cleveland-Cliffs Inc

PO. BOX 1211  
818 Taughenbaugh Boulevard  
Rifle, Colorado 81650  
Phone: 970-625-2445  
Fax: 970-625-2448

April 3, 2001

Dominion Exploration and Production, Inc.  
16945 Northchase Drive, Suite 1750  
Houston, Texas 77060-2133

Gentlemen:

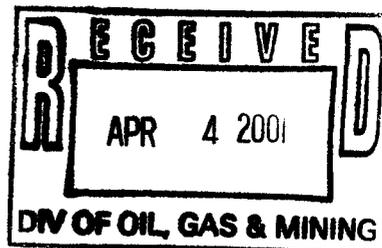
Cliffs Synfuel Corp. owns the surface and the oil and gas rights in the SW/4 SE/4, Section 21, T11S, R25E, Uintah County, Utah. Dominion has an oil and gas lease from Cliffs on this 40 acres and Dominion has informed Cliffs that it plans to drill a gas exploration well, Cliffs #15-21L, near the center of this 40 acres.

Cliffs hereby authorizes Dominion to inform the Utah Division of Oil, Gas and Mining that Cliffs does not object to the site for the well or the proposed access road to the site. Furthermore, Cliffs waives the requirement for an archeological survey on its lands prior to the roadwork and the drilling.

I have been informed that a site inspection with DCGM will occur on April 11. If I am unable to attend, this letter will serve to inform the State of the surface owner's position on the proposed drilling program.

Very truly yours,

Gary D. Aho  
President  
Cliffs Synfuel Corp.





# State of Utah

GOVERNOR'S OFFICE OF PLANNING AND BUDGET  
Resource Development Coordinating Committee

Michael O. Leavitt  
Governor

Brad T. Barber  
State Planning Coordinator

James L. Dykmann  
Committee Chairman

John A. Harja  
Executive Director

116 State Capitol Building  
Salt Lake City, Utah 84114  
(801) 538-1027  
Fax: (801) 538-1547

April 18, 2001

Lisha Cordova  
Division of Oil, Gas & Mining  
1594 West North Temple, Suite 1210  
Salt Lake City, Utah 84114-5801

SUBJECT: Application for permit to drill - proposal to drill a wildcat well; the Cliffs 15-21L  
on a fee lease  
State Identification Number: 01-657

Dear Ms Cordova:

The Resource Development Coordinating Committee (RDCC), representing the State of Utah, has reviewed this proposal. The Division of Air Quality comments:

The proposed well drilling project may require a permit, known as an Approval Order, from the Utah Division of Air Quality if any compressor stations are operating at the site. A permit application, known as a Notice of Intent (NOI), should be submitted to the Executive Secretary at the Utah Division of Air Quality at 150 N. 1950 West, SLC, UT, 84116 for review according to Utah Air Conservation Rule (UACR) R307-401, Permits, Notice of Intent and Approval Order.

The Committee appreciates the opportunity to review this proposal. Please direct any other written questions regarding this correspondence to the Resource Development Coordinating Committee at the above address or call Judy Edwards at (801) 538-1153 or John Harja at (801) 538-1559.

Sincerely,

Natalie Gochnour  
State Planning Coordinator

NG/ar

RIGHT-OF-WAY and SURFACE DAMAGE AGREEMENT  
(Dominion Exploration & Production Inc. Cliffs #15-21L Well)

THIS AGREEMENT is made and entered into by and between DOMINION EXPLORATION & PRODUCTION INC. (DOMINION), 16945 Northchase Drive, Suite 1750, Houston, Texas 77060-2133, and Cliffs Synfuel Corporation (Cliffs), P.O. Box 1211, Rifle, Colorado 81650 (hereinafter referred to as "Grantor"), effective February 12, 2001.

WHEREAS, Grantor is the surface owner of the Southeast quarter of Section 21, Township 11 South, Range 25 East, Uintah County, Utah (hereinafter referred to as the "Land(s)"); and

WHEREAS, DOMINION desires to enter onto and cross such Lands for the purpose of drilling an exploratory oil and/or gas well, Cliffs # 15-21L, located in the Southwest Quarter/Southeast Quarter, Section 21, Township 11 South, Range 25 East, Uintah county, Utah (hereinafter referred to as the "Drillsite").

NOW THEREFORE, for and in consideration of the mutual promises and covenants herein contained, and other good and valuable consideration, the receipt and sufficiency of which is hereby acknowledged, the parties hereto agree as follows:



DOMINION shall pay Grantor the sum of \$3,000.00 up-front payment for damages to the surface of the Lands, for access to the Drillsite, and for the Drillsite of the Cliffs #15-21L well, located in the SW/4 SE/4, Section 21, Township 11 South, Range 25 East, Uintah County, Utah. Within sixty days of completion of the well, either as a Producer, or a plugged and abandoned well, Dominion shall survey the access road and drillsite to compensate Cliffs any additional damage that may have occurred during drilling and completion operations. Compensation will be on a \$1,500.00 per acre cost for any damages exceeding 2.0 acres.

DOMINION and their assigns or agents shall have the right to use a reasonable amount of access road across the Southwest Quarter of Section 21, Township 11 South, Range 25 East and shall have the right to move derricks, drilling tools, vehicles, and all other machinery and equipment necessary or incident to the drilling, re-drilling, testing, completion, operation of the Cliffs #15-21L well. Such activity shall be restricted to existing public roads or access roads covered by this agreement.

- III. This Agreement and the rights granted herein are effective and shall continue in full force and effect so long as operations are conducted on the Cliffs #15-21L well. Upon execution of this Agreement, all up-front payments due hereunder shall be paid concurrently, and any additional payment shall be made upon the determination of the amount surface used in excess of 2.0 acres. Operations are defined under the terms of the oil and gas lease with Cliffs as taken by Wells Petroleum Inc., which is Dominion's predecessor in title, and under the Rules and Regulations defined by the State of Utah.
- IV. Cattle guards or gates will be constructed, if requested by Grantor, at all places where the openings go through the existing fences. Gates will be kept closed at all times except when opened for passage of traffic.
- V. If there is any fill used for roads constructed across any drainage, then culverts will be used for the free flow of water through said drainage.
- VI. If the access road departs from existing roadways and new construction is required, topsoil will be segregated and stockpiled for replacement during reclamation activities.
- VII. It is understood that any road constructed across the said lands shall not exceed 30 feet in width, including the total disturbed area, without the prior approval of Grantor.
- VIII. Upon completion of the well as a dry hole and the subsequent abandonment thereof, and at the request of the Grantor, any newly constructed road will be restored to the condition it was in prior to commencement of operations insofar as reasonably possible. Any existing roads, and the improvements thereto, which are constructed by Dominion, shall be left in a good and usable condition for the continued use of the Grantor.

Reclaimed areas will be reseeded with a seed mixture approved by the Utah Division of Wildlife.

- IX. In the event that the Cliffs #15-21L well is completed as a producer of oil and/or gas, Dominion shall build and maintain a permanent access road in conformance with already-established county roads across the S/2 of Section 21, Township 11 South, Range 25 East and from existing roads to the Drillsite. Disturbed areas not used for production will be re-graded and seeded with a seed mixture approved by the Utah Division of Wildlife within 90 days, unless prohibited by weather.
- X. Upon completion of the Cliffs #15-21L as a well capable of oil and/or gas production, this Agreement shall continue in full force and effect and Dominion shall pay to Grantor an annual access rental of \$200 per pad, and \$200 per acre of roadway (30 foot width), or a minimum of \$500, to include the pad and roadway, whichever is greater, on the Anniversary date hereof and each year thereafter until the subject well is plugged and abandoned and operations cease thereon.
- XI. It is expressly understood that the settlement amounts in Paragraph I are only for construction of a road and drilling location and is not a settlement for any damages to contiguous property, personal property of the Grantor or a release of any personal injuries that may be sustained by reason of the operations carried on by the oil and gas lessee or its agents.
- XII. When required by Grantor, Dominion will bury all pipelines below ordinary plow depth within 90 days of continuous production.
- XIII. This Agreement shall not be assigned, nor the rights hereunder transferred in any manner without the prior written consent of Grantor, which consent shall not be unreasonably withheld.
- XIV. In the event any person or entity (including Grantor) suffers a loss of any kind or character, or death or injury, (1) as a result of a breach of this agreement by Dominion, or its agents, contractors, or employees, or (2) as a result of Dominion or its agents, contractors, or employees performing on the drill site or elsewhere, any action, directly or indirectly, in furtherance of a right hereunder, or (3) from any cause whatsoever while being on the Drill site to conduct any work or service for Dominion, Dominion shall reimburse, indemnify, defend, and hold harmless Grantor for any and all losses, costs, claims, liability, litigation, demands, damages, and expenses (including attorneys fees) of every kind or character which Grantor may suffer or be subject to as a result of said loss or injury whether or not such losses, costs, claims, liabilities, litigation, demands, damages, and expenses (including attorneys fees) result from the condition of Grantor's premises or facilities, unless through the sole negligence of Grantor or its agents. Dominion shall comply at its own expense with the Workman's Compensation Law of the State of Utah and shall maintain such insurance throughout the duration of this Agreement and shall, if requested, furnish Grantor evidence that such insurance is being maintained. Dominion is self-insured for general liability; bodily injury and property damage and hereby attests to the fact that it has resources to cover such claims that might arise from its operations under this Agreement. Dominion has posted an Operators Surety Bond (NO. 76S63050600) with the State of Utah, Division of Oil, Gas and Mining for work on this well site and any others in the State of Utah and that bond shall remain in place until the well covered by this agreement is plugged and abandoned, as required by State regulations.
- XV. Dominion shall provide Grantor with not less than forty-eight (48) hours advance notice, either by phone, mail, or in person, of Dominion's intent to enter upon the Land for the purpose of commencing operations thereon. Dominion shall conduct its operations in such a manner as to use no more land than is reasonably necessary and shall use all reasonable efforts not to interfere with the use of the Land by the Permittee in that certain Consolidated Grazing Permit dated January 1, 1998 by and between Grantor, as Owner, and O.S. Wyatt, Jr., as Permittee.
- XVI. Dominion shall have the right at any time, and from time to time, to remove any or all property, fixtures, equipment, and materials placed by Dominion on the Land, including

the right to draw and remove casing. Within 90 days after the expiration of this agreement, Dominion shall remove all remaining property, fixtures, equipment, and materials that were placed by Dominion on the land. Such removal shall be accomplished at Dominion's sole cost, risk, and expense. If such items are not removed within 90 days, Grantor shall have the right to remove those items from the land and bill the associated costs for such removal to Dominion.

XVII. This agreement restricts Dominion's use of Grantor's lands to the sole purpose of exploration and production of oil and/or gas at this specific site. It does not grant Dominion, its contractors, or its agents the right to use the Grantor's property for any other purpose.

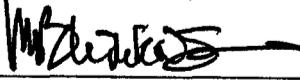
XVIII. All operations of Dominion hereunder which involve drilling for and producing of oil and gas, or both, or the cessation, or abandonment, of its operations shall be conducted in a good and workmanlike manner and in accordance with standard oil field practices and in accordance with all applicable federal, state, and local statutes and regulations, including specifically, but not by way of limitation, such laws and regulations governing the operation, maintenance, and reclamation of well sites, pipelines, tank batteries, and other related facilities as may be utilized by Dominion and its operations hereunder. Dominion shall further adhere to and abide by all federal, state, and local environmental statutes and regulations addressing air, water and solid waste pollution and the handling, storage, use and disposal of hazardous substances as prescribed in the Comprehensive Environmental Response, Compensation, and Liability Act of 1980, 42 U.S.C. 9601, et.seq. (CERCLA). Upon request by Grantor, Dominion shall provide Grantor with copies of all applications for environmental permits, notices of violation or alleged violations of any environmental laws, governmental requests for any information pertaining to environmental issues relating to the Land or products produced there from or Dominion's use thereof, copies of any response by Dominion to said requests, and any environmental investigations, reports, or studies involving the Land or products produced there from or the use thereof by Dominion which from time to time may be obtained by Dominion.

XIX. Dominion also agrees to abide by the laws or regulations of the State of Utah designed to protect either coal seams or oil shale deposits, including, but not limited to those specific rules set forth in the General Rules and Regulations of the Utah Board of Oil, Gas, and Mining, as amended, pertaining to such matters. Dominion acknowledges that the Land under this agreement was designated as an "Oil Shale Area" on August 22, 1985, and Dominion hereby agrees to follow the Board's procedure for wells drilled in designated "Oil Shale Areas" as set forth in the aforementioned General Rules and Regulations.

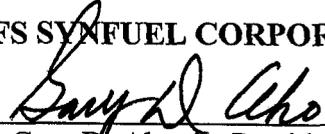
XX. The provisions hereof shall be considered as covenants running with the land during the life of the agreement and all modifications thereof, and any assignment of the Agreement shall be subject to the provisions thereof.

XXI. This Agreement constitutes the entire Agreement between the parties hereto as to the subject matters herein set forth and supersedes all prior written or oral agreements relative thereto. No change, modification, alteration, or amendment to this Agreement shall be binding upon the parties hereto except as specifically expressed in writing and signed by each party agreeing to be bound thereby.

**DOMINION EXPLORATION &  
PRODUCTION INC.**

By:   
\_\_\_\_\_  
W. Mark Blumenshine  
General Manager, Land

**CLIFFS SYNFUEL CORPORATION**

By:   
\_\_\_\_\_  
Gary D. Aho, its President

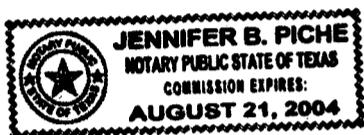
STATE OF TEXAS §

COUNTY OF HARRIS §

BEFORE ME, the undersigned, a Notary Public, in and for said County and State, this 7<sup>th</sup> day of April, 2001, personally appeared W. Mark Blumenshine, as General Manager, Land of Dominion Exploration & Production, Inc., a Delaware Corporation, to me known to be the identical person described in and who executed the within and foregoing instrument of writing and acknowledged to me that he duly executed the same as his free and voluntary act and deed for the uses and purposes therein set forth.

IN WITNESS WHEREOF, I have hereunto set my hand and affixed my official seal the day and year last above written.

My Commission Expires:  
Notary Public:  
Address:



*Jennifer B. Piche*

STATE OF COLORADO §

COUNTY OF GARFIELD §

BEFORE ME, the undersigned, a Notary Public, in and for said County and State, this 9<sup>th</sup> day of April, 2001, personally appeared Gary D. Aho, as President of Cliffs Synfuel Corp., a Utah Corporation, to me known to be the identical person described in and who executed the within and foregoing instrument of writing and acknowledged to me that he duly executed the same as his free and voluntary act and deed for the uses and purposes therein set forth.

IN WITNESS WHEREOF, I have hereunto set my hand and affixed my official seal the day and year last above written.

My Commission Expires: 8/22/2001  
Notary Public: MARCIA H KENT  
Address: 1542 RAILROAD AVE  
RIFLE CO 81650



*Marcia H Kent*

## WATER USE AGREEMENT

THIS AGREEMENT is made and entered into by and between DOMINION EXPLORATION & PRODUCTION INC. (hereinafter referred to as "DOMINION"), 16945 Northchase Drive, Suite 1750, Houston, Texas 77060-2133, and Cliffs Synfuel Corporation (Cliffs), P.O. Box 1211, Rifle, Colorado 81650 (hereinafter referred to as "Grantor"), effective February 12, 2001.

WHEREAS, Grantor is the owner of a water well located on the SW/4 Section 22, Township 11 South, Range 25 East, Uintah County, Utah (hereinafter referred to as the "Well"); and

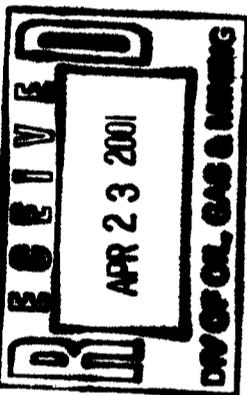
WHEREAS, DOMINION desires to use water from said Well during the drilling of oil and/or gas wells located on the lands covered by that certain lease ("Lease") dated February 17, 1995, by and between Grantor and Wells Petroleum, Inc., recorded in Book 591, Page 356 of the records of Uintah County, Utah (hereinafter referred to as "Lands").

NOW THEREFORE, for and in consideration of the mutual promises and covenants herein contained, and other good and valuable consideration, the receipt and sufficiency of which is hereby acknowledged, the parties hereto agree as follows:

- I. DOMINION shall pay Grantor an up-front payment of \$1,000.00 per oil and/gas well for access to and the use of water from the Well for operations for the drilling of such oil and/or gas well drilled upon the above described Lands. DOMINION shall also pay Grantor the sum of \$500.00 per month for the duration of time that a pump is connected to the Well. The monthly payment shall begin after the initial one month period following the first use of the Well.

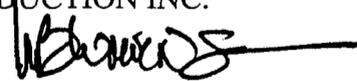
This Agreement and the rights granted herein shall continue in full force and effect for three (3) years from the date above unless terminated or extended by the mutual agreement of the parties herein. It is understood that at the expiration date of this Agreement, if the Well is being used for the operations for the drilling or subsequent operation of an oil and/or gas well, those operations shall be completed, provided payment is made. It is agreed to and understood, that a subsequent operation, or additional exploration well, shall require an additional payment to Grantor of the same amount, provided however, the subsequent operation is conducted at a time after the well is initially drilled, completed and the rig released and removed from the drillsite.

- III. This Agreement shall not be assigned, nor the rights hereunder transferred in any manner without the prior written consent of Grantor, which consent shall not be unreasonably withheld.
- IV. In the event any person or entity (including Grantor) suffers a loss of any kind or character, or death or injury, (1) as a result of a breach of this agreement by Dominion, or its agents, contractors, or employees, or (2) as a result of Dominion or its agents, contractors, or employees during Dominion's use of the Well, performing on the drill site or elsewhere, any action, directly or indirectly, in furtherance of a right hereunder, or (3) from any cause whatsoever while being on the site to conduct any work or service for Dominion, Dominion shall reimburse, indemnify, defend, and hold harmless Grantor for any and all losses, costs, claims, liability, litigation, demands, damages, and expenses (including attorneys fees) of every kind or character which Grantor may suffer or be subject to as a result of said loss or injury whether or not such losses, costs, claims, liabilities, litigation, demands, damages, and expenses (including attorneys fees) result from the condition of Grantor's premises or facilities, unless through the sole negligence of Grantor or its agents. Dominion shall comply at its own expense with the Workman's Compensation Law of the State of Utah and shall maintain such insurance throughout the duration of this Agreement and shall, if requested, furnish Grantor evidence that such insurance is being maintained. Dominion is self-insured for general liability; bodily injury and property damage and hereby attests to the fact that it has resources to cover such claims that might arise from its operations under this Agreement. Dominion has posted an Operators Surety Bond (NO. 76S63050600) with the State of Utah, Division of Oil, Gas and Mining for work on each exploration well site and any others in the State of Utah and that bond shall remain in place until the well covered by this agreement is plugged and abandoned, as required by State regulations.



- V. This agreement restricts Dominion's use of Grantor's Well to the sole purpose of exploration and production of oil and/or gas on the Lands. It does not grant Dominion, its contractors, or its agents the right to use the Grantor's Well for any other purpose.
- VI. All operations of Dominion hereunder which involve the use of the Well shall be conducted in a good and workmanlike manner and in accordance with standard oil field practices and in accordance with all applicable federal, state, and local statutes and regulations, including specifically, but not by way of limitation, such laws and regulations governing the use of the Well by Dominion during any operations on the Lands. Dominion shall further adhere to and abide by all federal, state, and local environmental statutes and regulations addressing the use of the Well and water.
- VII. The provisions hereof shall be considered as covenants running with the land during the life of this Agreement and all modifications thereof, and any assignment of the Agreement shall be subject to the provisions thereof.
- VII. This Agreement constitutes the entire Agreement between the parties hereto as to the subject matters herein set forth and supersedes all prior written or oral agreements relative thereto. No change, modification, alteration, or amendment to this Agreement shall be binding upon the parties hereto except as specifically expressed in writing and signed by each party agreeing to be bound thereby.
- VIII. Grantor makes no guarantee of the volumes of water capable of being produced by the Well and Dominion shall use that water at its sole risk. Grantor is not precluded by any terms within this Agreement from selling the Lands on which the Well is situated, selling the Well itself, or if need be, to plug the well. Grantor shall however, provide Dominion with a 30-day notice in anticipation of any plugging.
- IX. It is further understood that this agreement does not provide Dominion with the exclusive use of the Well. However, in the event the Well is not capable of providing water in sufficient quantities to multiple parties, other than Grantor, Dominion shall have the first right to obtain water from the Well prior to those parties. Dominion is solely responsible for providing its own pump and ancillary equipment to remove, store and transport water from the Well to the site of their exploration well on the Lands. Dominion is under no obligation to provide its water well equipment to other parties who receive Grantor's approval to use the Well. If Dominion desires to provide water to other parties or use water from the Well on other Dominion leases, Dominion shall first obtain Grantor's written approval and agree to the terms of payment.
- X. This Agreement shall be for a period of Three (3) years from the date above unless terminated or extended by the mutual agreement of the parties herein.

DOMINION EXPLORATION &  
PRODUCTION INC.

By: 

W. Mark Blumenshine  
General Manager, Land

*see*

CLIFFS SYNFUEL CORPORATION

By: 

Gary D. Aho, its President

STATE OF TEXAS §

COUNTY OF HARRIS §

BEFORE ME, the undersigned, a Notary Public, in and for said County and State, this 5<sup>th</sup> day of April, 2001, personally appeared W. Mark Blumenshine, as General Manager, Land of Dominion Exploration & Production, Inc., a Delaware Corporation, to me known to be the identical person described in and who executed the within and foregoing instrument of writing and acknowledged to me that he duly executed the same as his free and voluntary act and deed for the uses and purposes therein set forth.

IN WITNESS WHEREOF, I have hereunto set my hand and affixed my official seal the day and year last above written.

My Commission Expires:  
Notary Public:  
Address:



Jennifer B. Piche

STATE OF COLORADO §

COUNTY OF GARFIELD

BEFORE ME, the undersigned, a Notary Public, in and for said County and State, this 9<sup>th</sup> day of April, 2001, personally appeared Gary D. Aho, as President of Cliffs Synfuel Corp., a Utah Corporation, to me known to be the identical person described in and who executed the within and foregoing instrument of writing and acknowledged to me that he duly executed the same as his free and voluntary act and deed for the uses and purposes therein set forth.

IN WITNESS WHEREOF, I have hereunto set my hand and affixed my official seal the day and year last above written.

My Commission Expires: 8/22/2001  
Notary Public: MARCIA H KENT  
Address: 1542 RAILROAD AVE  
RIFLE, CO



Marcia H Kent



# 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)

August 14, 2001

Dominion Exploration & Production, Inc.  
16945 Northchase Drive, Suite 1750  
Houston, TX 77060

Re: Cliffs 15-21L Well, 515' FSL, 1987' FEL, SW SE, Sec. 21, T. 11 South, R. 25 East,  
Uintah County, Utah

Gentlemen:

Pursuant to the provisions and requirements of Utah Code Ann. § 40-6-1 *et seq.*, Utah Administrative Code R649-3-1 *et seq.*, and the attached Conditions of Approval, approval to drill the referenced well is granted.

This approval shall expire one year from the above date unless substantial and continuous operation is underway, or a request for extension is made prior to the expiration date. The API identification number assigned to this well is 43-047-34012.

Sincerely,

A handwritten signature in black ink that reads "John R. Baza".

John R. Baza  
Associate Director

er

Enclosures

cc: Uintah County Assessor



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

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<br>OIL WELL <input type="checkbox"/> GAS WELL <input checked="" type="checkbox"/> OTHER _____ |  | 5. LEASE DESIGNATION AND SERIAL NUMBER:<br>Fee - Cliffs Synfuel Corp. |
| 2. NAME OF OPERATOR:<br>Dominion Exploration & Production, Inc.   |  | 6. IF INDIAN, ALLOTTEE OR TRIBE NAME:                                 |
| 3. ADDRESS OF OPERATOR:<br>14000 Quail Springs CITY Oklahoma City STATE OK ZIP 73134                          |  | 7. UNIT or CA AGREEMENT NAME:   |
| 4. LOCATION OF WELL<br>FOOTAGES AT SURFACE: 515' FSL & 1987' FEL  |  | 8. WELL NAME and NUMBER:<br>Cliffs 15-21L                             |
| QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN: SWSE 21 11S 25E  |  | 9. API NUMBER:<br>43-047-34012  |
| COUNTY: Uintah  |  | 10. FIELD AND POOL, OR WILDCAT:<br>Wildcat                            |
| 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<br>(Submit in Duplicate)<br>Approximate date work will start:<br>_____ | <input type="checkbox"/> ACIDIZE                        | <input type="checkbox"/> DEEPEN                           | <input type="checkbox"/> REPERFORATE CURRENT FORMATION             |
|  | <input type="checkbox"/> ALTER CASING                   | <input type="checkbox"/> FRACTURE TREAT                   | <input type="checkbox"/> SIDETRACK TO REPAIR WELL                  |
| <input type="checkbox"/> SUBSEQUENT REPORT<br>(Submit Original Form Only)<br>Date of work completion:<br>_____   | <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>Extension of APD</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.

Dominion Exploration and Production, Inc. request a one year extension to the approved APD.

Approved by the  
Utah Division of  
Oil, Gas and Mining

COPY SENT TO OPERATOR  
Date: 9-12-02  
By: [Signature]

Date: 09-12-02  
By: [Signature]

RECEIVED  
SEP 10 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>9/6/2002</u>               |

(This space for State use only)



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

1594 West North Temple, Suite 1210  
PO Box 145801  
Salt Lake City, Utah 84114-5801  
(801) 538-5340 telephone  
(801) 359-3940 fax  
(801) 538-7223 TTY  
www.nr.utah.gov

Michael O. Leavitt  
Governor  
Robert L. Morgan  
Executive Director  
Lowell P. Braxton  
Division Director

October 20, 2003

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

Re: APD Rescinded – Cliffs 15-21L Sec. 21, T.11S. R. 25E Uintah County, Utah  
API No. 43-047-34012

Dear Ms. Christian:

The Application for Permit to Drill (APD) for the subject well was approved by the Division of Oil, Gas and Mining (Division) on August 14, 2001. On September 12, 2002 the Division granted a one-year APD extension. On October 17, 2003, you requested that the division rescind the approved APD. No drilling activity at this location has been reported to the division. Therefore, approval to drill the well is hereby rescinded, effective October 17, 2003.

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

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

Sincerely,

  
Diana Whitney  
Engineering Technician

cc: Well File  
Gil Hunt, Technical Services Manager

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

**ROUTING**

|        |
|--------|
| 1. DJJ |
| 2. CDW |

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

Operator Name Change/Merger

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

7/1/2007

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

| WELL NAME         | CA No. | SEC | TWN | RNG | API NO | ENTITY NO | LEASE TYPE | WELL TYPE | WELL STATUS |
|-------------------|--------|-----|-----|-----|--------|-----------|------------|-----------|-------------|
| SEE ATTACHED LIST |        |     |     |     |        |           |            |           |             |

**OPERATOR CHANGES DOCUMENTATION**

Enter date after each listed item is completed

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

**DATA ENTRY:**

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

**BOND VERIFICATION:**

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

**LEASE INTEREST OWNER NOTIFICATION:**

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

**COMMENTS:**

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

FORM 9

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

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

| TYPE OF SUBMISSION  | TYPE OF ACTION  |   |  |
|---|---|---|--|
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|   | <input type="checkbox"/> ALTER CASING                   | <input type="checkbox"/> FRACTURE TREAT                   | <input type="checkbox"/> SIDETRACK TO REPAIR WELL      |
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|   | <input type="checkbox"/> CHANGE TO PREVIOUS PLANS       | <input checked="" type="checkbox"/> OPERATOR CHANGE       | <input type="checkbox"/> TUBING REPAIR                 |
|   | <input type="checkbox"/> CHANGE TUBING                  | <input type="checkbox"/> PLUG AND ABANDON                 | <input type="checkbox"/> VENT OR FLARE                 |
|   | <input type="checkbox"/> CHANGE WELL NAME               | <input type="checkbox"/> PLUG BACK                        | <input type="checkbox"/> WATER DISPOSAL                |
|   | <input type="checkbox"/> CHANGE WELL STATUS             | <input type="checkbox"/> PRODUCTION (START/RESUME)        | <input type="checkbox"/> WATER SHUT-OFF                |
|   | <input type="checkbox"/> COMMINGLE PRODUCING FORMATIONS | <input type="checkbox"/> RECLAMATION OF WELL SITE         | <input type="checkbox"/> OTHER: _____                  |
|   | <input type="checkbox"/> CONVERT WELL TYPE              | <input type="checkbox"/> RECOMPLETE - DIFFERENT FORMATION |  |

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

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

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

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

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

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

(This space for State use only)

**APPROVED** 9127107

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

(See Instructions on Reverse Side)

**RECEIVED**

**AUG 06 2007**

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

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

| api        | well name                   | qtr  | qtr | sec  | twp  | rng            | lease num | entity  | Lease | well | stat |
|------------|-----------------------------|------|-----|------|------|----------------|-----------|---------|-------|------|------|
| 4301530633 | SKYLINE U 1-6               | NENE | 06  | 160S | 060E | UTU-77263      | 99999     | Federal | GW    | DRL  |      |
| 4304731138 | RBU 11-34B                  | NESW | 34  | 090S | 190E | U-017713       | 7058      | Federal | GW    | P    |      |
| 4304731179 | BARTON FED 1-26             | NWSE | 26  | 100S | 190E | U-43156        | 8005      | Federal | GW    | P    |      |
| 4304731724 | RBU 11-35B                  | NESW | 35  | 090S | 190E | U-017713       | 11502     | Federal | GW    | S    |      |
| 4304731818 | WILLOW CREEK UNIT 2         | SESW | 05  | 110S | 200E | U-39223        | 11604     | Federal | GW    | TA   |      |
| 4304731878 | EVANS FED 3-25              | NENW | 25  | 100S | 190E | U-43156        | 11106     | Federal | GW    | P    |      |
| 4304731879 | EVANS FED 41-26             | NENE | 26  | 100S | 190E | U-43156        | 11034     | Federal | GW    | P    |      |
| 4304731881 | APACHE 12-25                | NWSW | 25  | 100S | 190E | UTU-3405       | 11080     | Indian  | GW    | P    |      |
| 4304731897 | END OF THE RAINBOW 21-1     | SWSE | 21  | 110S | 240E | U-54224        | 11223     | Federal | GW    | S    |      |
| 4304731922 | APACHE FED 44-25            | SESE | 25  | 100S | 190E | U-3405         | 11185     | Federal | GW    | S    |      |
| 4304732094 | RBU 13-35B                  | SWSW | 35  | 090S | 190E | U-017713       | 7058      | Federal | GW    | S    |      |
| 4304732222 | RBU 15-35B                  | SWSE | 35  | 090S | 190E | U-017713       | 11365     | Federal | GW    | S    |      |
| 4304732237 | FEDERAL 13-26B              | SWSW | 26  | 090S | 190E | UTU-68625      | 11370     | Federal | GW    | S    |      |
| 4304732394 | EVANS FED 12-25A            | SWNW | 25  | 100S | 190E | U-43156        | 11451     | Federal | GW    | P    |      |
| 4304732395 | EVANS FED 32-26             | SWNE | 26  | 100S | 190E | U-43156        | 11447     | Federal | GW    | P    |      |
| 4304732515 | WHB 1-25E                   | NENE | 25  | 100S | 190E | U-73011        | 11720     | Federal | GW    | P    |      |
| 4304732557 | FEDERAL 12-11               | SWNW | 11  | 120S | 240E | UTU-66425      | 11761     | Federal | GW    | S    |      |
| 4304732558 | FEDERAL 34-30               | SWSE | 30  | 110S | 230E | UTU-66410      | 11747     | Federal | GW    | S    |      |
| 4304732559 | FEDERAL 22-22               | SENW | 22  | 110S | 230E | UTU-66409      | 11746     | Federal | GW    | P    |      |
| 4304732560 | FEDERAL 21-27               | NENW | 27  | 100S | 240E | UTU-66422      | 11762     | Federal | GW    | P    |      |
| 4304732600 | RBU 1-21EO                  | NENE | 21  | 100S | 190E | U-013766       | 11783     | Federal | OW    | S    |      |
| 4304732681 | LANDING STRIP FEDERAL 44-10 | SESE | 10  | 120S | 240E | UTU-69430      | 11853     | Federal | GW    | S    |      |
| 4304733019 | BLACK DRAGON UNIT 31-34     | NWNE | 34  | 100S | 240E | UTU-66422      | 12280     | Federal | GW    | P    |      |
| 4304733242 | FEDERAL K 23-22             | NESW | 22  | 110S | 210E | UTU-75098      | 13107     | Federal | GW    | P    |      |
| 4304733299 | FED K 12-22                 | SWNW | 22  | 110S | 210E | UTU-75098      | 13133     | Federal | GW    | P    |      |
| 4304733508 | EVANS FED 15-26E            | SWSE | 26  | 100S | 190E | U-3405         | 12767     | Federal | GW    | P    |      |
| 4304733509 | EVANS FED 9-26E             | NESE | 26  | 100S | 190E | UTU-3405       | 12749     | Federal | GW    | P    |      |
| 4304733510 | EVANS FED 10-25E            | NWSE | 25  | 100S | 190E | U-3405         | 12927     | Federal | GW    | P    |      |
| 4304733511 | EVANS FED 14-25E            | SESW | 25  | 100S | 190E | U-3405         | 12793     | Federal | GW    | P    |      |
| 4304734000 | RBU 1-18E                   | NENE | 18  | 100S | 190E | UTU-3576       | 14549     | Federal | GW    | P    |      |
| 4304734669 | EVANS FED 4-25E             | NENE | 26  | 100S | 190E | U-43156        | 13588     | Federal | GW    | P    |      |
| 4304734887 | EVANS FED 2-26E             | NWNE | 26  | 100S | 190E | U-43156        | 13830     | Federal | GW    | P    |      |
| 4304734908 | EVANS FED 15-25E            | NWSE | 25  | 100S | 190E | U-3405         | 14023     | Federal | GW    | P    |      |
| 4304734909 | WH FED 11-26E               | NESW | 26  | 100S | 190E | UTU-3405       | 14629     | Federal | GW    | P    |      |
| 4304734984 | WHB 4-26E                   | NWNW | 26  | 100S | 190E | U-43156        | 14898     | Federal | GW    | P    |      |
| 4304734985 | WHB 6-26E                   | SENW | 26  | 100S | 190E | U-43156        | 14886     | Federal | GW    | P    |      |
| 4304735034 | EVANS FED 8-26E             | SENE | 26  | 100S | 190E | U-43156        | 14145     | Federal | GW    | P    |      |
| 4304735035 | WHB 12-26E                  | NWSW | 26  | 100S | 190E | UTU-3405       | 14899     | Federal | GW    | P    |      |
| 4304735036 | EVANS FED 11-25E            | NESW | 25  | 100S | 190E | UTU-3405       | 14134     | Federal | GW    | P    |      |
| 4304735037 | EVANS FED 13-25E            | SWSW | 25  | 100S | 190E | UTU-3405       | 14090     | Federal | GW    | P    |      |
| 4304735043 | EVANS FED 16-26E            | SESE | 26  | 100S | 190E | UTU-3405       | 14372     | Federal | GW    | P    |      |
| 4304735063 | EVANS FED 8-25E             | SENE | 25  | 100S | 190E | U-43156        | 14089     | Federal | GW    | P    |      |
| 4304735064 | EVANS FED 6-25E             | SENW | 25  | 100S | 190E | U-43156        | 14135     | Federal | GW    | P    |      |
| 4304735065 | EVANS FED 9-25E             | NESE | 25  | 100S | 190E | UTU-3405       | 13983     | Federal | GW    | P    |      |
| 4304735102 | EVANS FED 2-25E             | NWNE | 25  | 100S | 190E | U-43156        | 13956     | Federal | GW    | P    |      |
| 4304737451 | WHB 13-26E                  | SWSW | 26  | 100S | 190E | UTU-3405       | 16058     | Federal | GW    | P    |      |
| 4304738869 | LOVE 4-20G                  | NWNW | 20  | 110S | 210E | UTU-076040     | 16249     | Federal | GW    | DRL  |      |
| 4304739064 | UTE TRIBAL 2-11H            | NENW | 11  | 110S | 200E | 14-20-H62-5611 | 16072     | Indian  | GW    | DRL  |      |

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

| api        | well name           | qtr  | qtr | sec  | twp  | rng        | lease num | entity | Lease | well | stat |
|------------|---------------------|------|-----|------|------|------------|-----------|--------|-------|------|------|
| 4304731777 | STATE 4-36E         | NWNW | 36  | 100S | 190E | ML-42175   | 11186     | State  | GW    | P    |      |
| 4304731784 | STATE 12-36E        | NWSW | 36  | 100S | 190E | ML-42175   | 99998     | State  | GW    | LA   |      |
| 4304732019 | STATE 11-36E        | NESW | 36  | 100S | 190E | ML-42175   | 11232     | State  | GW    | P    |      |
| 4304732224 | STATE 5-36B         | SWNW | 36  | 090S | 190E | ML-45173   | 11363     | State  | GW    | PA   |      |
| 4304732249 | STATE 9-36B         | NESE | 36  | 090S | 190E | ML-45173   | 11372     | State  | GW    | PA   |      |
| 4304732316 | RBU 12-2F           | NWSW | 02  | 100S | 200E | ML-10716   | 99998     | State  | GW    | LA   |      |
| 4304732404 | STATE 2-36E         | NWNE | 36  | 100S | 190E | ML-42175   | 99998     | State  | GW    | LA   |      |
| 4304732405 | STATE 9-36E         | NESE | 36  | 100S | 190E | ML-42175   | 99998     | State  | GW    | LA   |      |
| 4304732845 | H R STATE S 22-2    | SENE | 02  | 120S | 230E | ML-42215   |           | State  | GW    | LA   |      |
| 4304732870 | H R STATE S 24-2    | SESW | 02  | 120S | 230E | ML-42215   |           | State  | GW    | LA   |      |
| 4304732940 | H R STATE S 42-2    | SENE | 02  | 120S | 230E | ML-42215   | 13175     | State  | D     | PA   |      |
| 4304732979 | STATE 2-36E         | NWNE | 36  | 100S | 190E | ML-42175   | 12390     | State  | GW    | P    |      |
| 4304733129 | STATE G 22-32       | SENE | 02  | 120S | 230E | ML-47063   |           | State  | GW    | LA   |      |
| 4304733130 | H R STATE S 44-2    | SESE | 02  | 120S | 230E | ML-42215   |           | State  | GW    | LA   |      |
| 4304733169 | STATE M 42-2        | SENE | 02  | 110S | 230E | ML-47078   |           | State  | GW    | LA   |      |
| 4304733173 | STATE M 23-2        | NESW | 02  | 110S | 230E | ML-47078   |           | State  | GW    | LA   |      |
| 4304733174 | STATE M 44-2        | SESE | 02  | 110S | 230E | ML-47078   |           | State  | GW    | LA   |      |
| 4304733175 | STATE N 31-16       | NWNE | 16  | 110S | 240E | ML-47080   |           | State  | GW    | LA   |      |
| 4304733176 | STATE Q 44-16       | SESE | 16  | 120S | 210E | ML-47085   | 13134     | State  | D     | PA   |      |
| 4304733181 | STATE 1-36E         | NENE | 36  | 100S | 190E | ML-42175   | 12539     | State  | GW    | P    |      |
| 4304733738 | STATE 1-2D          | NENE | 02  | 100S | 180E | ML-26968   |           | State  | GW    | LA   |      |
| 4304733740 | STATE 9-2D          | NESE | 02  | 100S | 180E | ML-13215-A |           | State  | GW    | LA   |      |
| 4304733837 | STATE 7-36E         | SWNE | 36  | 100S | 190E | ML-42175   | 13186     | State  | GW    | P    |      |
| 4304734012 | CLIFFS 15-21L       | SWSE | 21  | 110S | 250E | FEE        |           | Fee    | GW    | LA   |      |
| 4304734123 | STATE 15-36E        | SWSE | 36  | 100S | 190E | ML-42175   | 13784     | State  | GW    | P    |      |
| 4304734124 | STATE 9-36E         | NESE | 36  | 100S | 190E | ML-42175   | 13760     | State  | GW    | P    |      |
| 4304734241 | STATE 5-36E         | SWNW | 36  | 100S | 190E | ML-42175   | 13753     | State  | GW    | P    |      |
| 4304734284 | STATE 13-36E        | SWSW | 36  | 100S | 190E | ML-42175   | 13785     | State  | GW    | P    |      |
| 4304734285 | STATE 6-36E         | SENE | 02  | 120S | 230E | ML-42175   | 13370     | State  | GW    | P    |      |
| 4304735089 | WHB 8-36E           | SENE | 36  | 100S | 190E | ML-42175   | 14024     | State  | GW    | P    |      |
| 4304735612 | WHB 14-36E          | SESW | 36  | 100S | 190E | ML-42175   | 14759     | State  | GW    | P    |      |
| 4304736292 | WHB 12-36E          | NWSW | 36  | 100S | 190E | ML-42175   | 15116     | State  | GW    | P    |      |
| 4304736666 | KINGS CANYON 1-32E  | NENE | 32  | 100S | 190E | ML-47058   | 14958     | State  | GW    | P    |      |
| 4304736667 | KINGS CANYON 10-36D | NWSE | 36  | 100S | 180E | ML-047058  | 14959     | State  | GW    | P    |      |
| 4304737034 | AP 15-2J            | SWSE | 02  | 110S | 190E | ML-36213   | 15778     | State  | GW    | P    |      |
| 4304737035 | AP 10-2J            | NWSE | 02  | 110S | 190E | ML-36213   | 16029     | State  | GW    | S    |      |
| 4304737036 | AP 9-2J             | NESE | 02  | 110S | 190E | ML-36213   | 15881     | State  | GW    | P    |      |
| 4304737037 | AP 8-2J             | SENE | 02  | 110S | 190E | ML-36213   | 15821     | State  | GW    | P    |      |
| 4304737038 | AP 5-2J             | SWNW | 02  | 110S | 190E | ML-36213   | 16043     | State  | D     | PA   |      |
| 4304737039 | AP 3-2J             | NENW | 02  | 110S | 190E | ML-36213   | 15910     | State  | GW    | P    |      |
| 4304737040 | AP 2-2J             | NWNE | 02  | 110S | 190E | ML-36213   | 99999     | State  | GW    | DRL  |      |
| 4304737041 | AP 1-2J             | NENE | 02  | 110S | 190E | ML-36213   | 15882     | State  | GW    | P    |      |
| 4304737659 | KC 8-32E            | SENE | 32  | 100S | 190E | ML-047059  | 15842     | State  | GW    | P    |      |
| 4304737660 | KC 9-36D            | SESE | 36  | 100S | 180E | ML-047058  | 99999     | State  | GW    | DRL  |      |
| 4304738261 | KINGS CYN 2-32E     | NWNE | 32  | 100S | 190E | ML-047059  | 15857     | State  | GW    | DRL  |      |