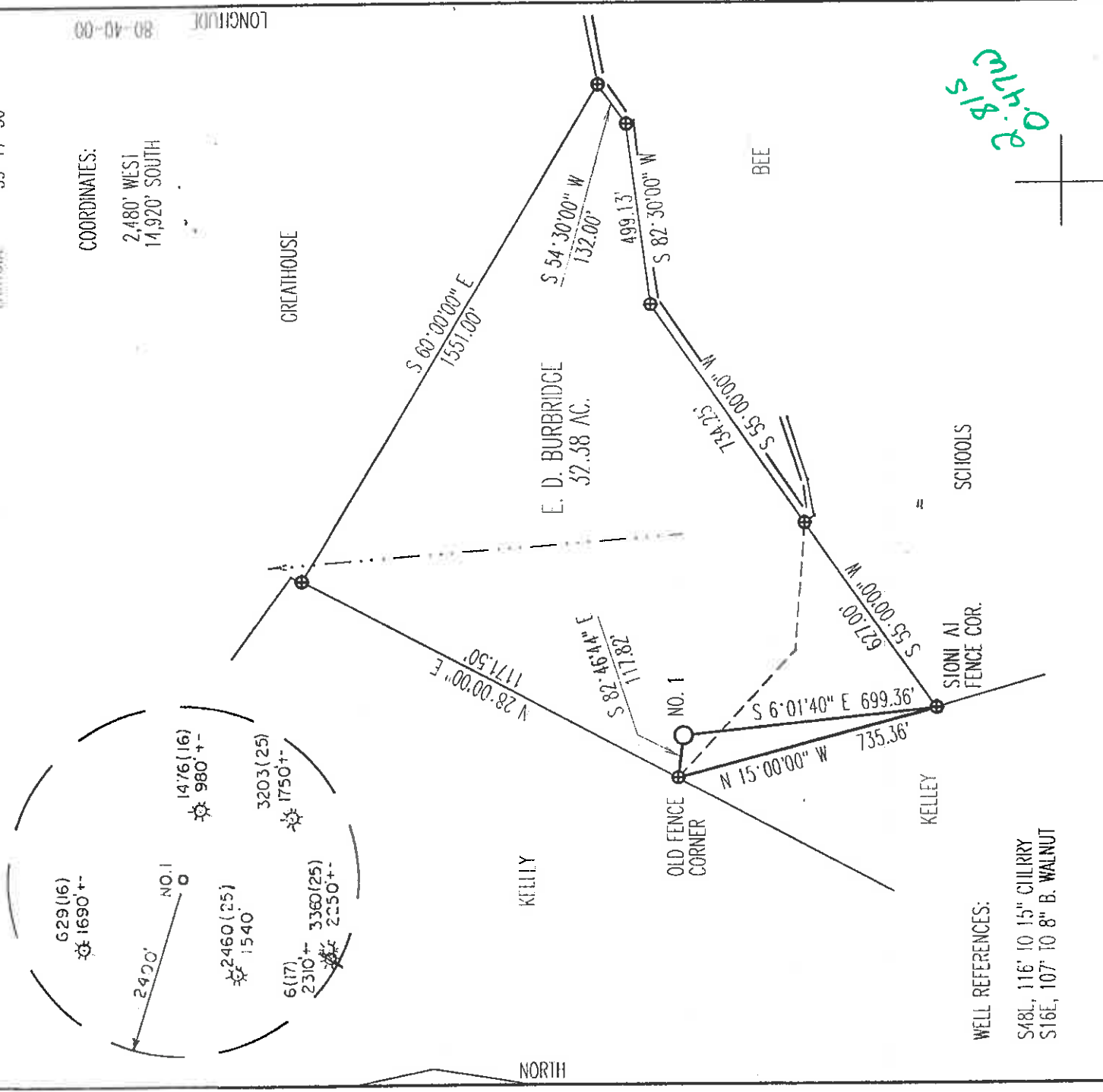


LONGITUDE 89-40-00

COORDINATES:
2,480' WEST
14,920' SOUTH

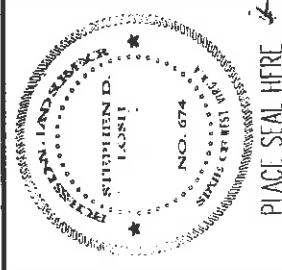


(+) DENOTES LOCATION OF WELL ON UNITED STATES TOPOGRAPHIC MAPS

FILE NUMBER: _____
 DRAWING NUMBER: dombur1.pcs
 SCALE: 1" = 400'
 MINIMUM DIGIT: _____
 OF ACCURACY: 1 IN 200
 PROVEN SOURCE: _____
 OF ELEVATION: TOP OF KNOB 750' SOUTH OF ELEVATION = 1586'

I, THE UNDERSIGNED, HEREBY CERTIFY THAT THIS PLAT IS CORRECT TO THE BEST OF MY KNOWLEDGE AND BELIEF AND SHOWS ALL THE INFORMATION REQUIRED BY LAW AND THE REGULATIONS ISSUED AND PRESCRIBED BY THE DEPARTMENT OF ENERGY.

(SIGNED) [Signature]
 STEPHEN D. LOSIL, P.S. #674



STATE OF WEST VIRGINIA
 DIVISION OF ENVIRONMENTAL PROTECTION
 OFFICE OF OIL AND GAS
 #10 MCKINNON ROAD
 NIRO, WV 25143-2506

LAND SURVEYING SERVICES
 21 CLEAR LAKE, BRIDGEFORD, WV 26350
 PHONE: 504 842 2018 OR 842 5162

DATE: JULY 24, 1998
 OPERATORS WELL NO.: BURBRIDGE NO. 1
 API WELL NO. _____

WELL TYPE: OIL GAS LIQUID INJECTION WASTE DISPOSAL
 (IF "GAS") PRODUCTION STORAGE DEEP SHALLOW

STATE COUNTY PERMIT
 47 -- 017 -- 044463

PLACED SEAL HERE

LOCATION: ELEVATION 1175' WATERSHED SUGARCAMP RUN
 DISTRICT NEW MILTON COUNTY
 QUADRANGLE SMITHBURG 7.5 MIN.

FACE NUMBER
 DODDRIDGE

COUNTY NAME

SURFACE OWNER ERMAN BURBRIDGE
 OIL & GAS ROYALTY OWNER ERMAN BURBRIDGE & LEWIS ADAMS

ACREAGE 32.38
 ITAST ACRAGT 32.38

PERMIT

PROPOSED WORK: DRILL CONVERT DRILL DEEPER REDRILL FRACTURE OR SIMILAR PLUG OUT OLD FORMATION
 PERFORATE NEW FORMATION OTHER PHYSICAL CHANGE (SPECIFY) _____

PLUG & ABANDON CLEAN OUT & REPLUG
 ESTIMATED DEPTH 5800'

1998

TARGET FORMATION ALL XANDLER
 WELL OPERATOR DOMINION APPALACHIAN DEVELOPMENT DESIGNATED AGENT JOHN HASKINS
 ADDRESS P. O. BOX 1248 JANET LEWIS WV 26378

ADDRESS P. O. BOX 1248 JANET LEWIS WV 26378

PERMIT

6-6 144

DODD 4463

WR-35

26-Aug-98
API # 47- 17-04463

State of West Virginia
Division of Environmental Protection
Section of Oil and Gas

Reviewed AS

Well Operator's Report of Well Work

Farm name: BURBRIDGE, ERMAN Operator Well No.: BURBRIDGE #1

LOCATION: Elevation: 1,175.00 Quadrangle: SMITHBURG

District: NEW MILTON County: DODDRIDGE
Latitude: 14920 Feet South of 39 Deg. 17Min. 30 Sec.
Longitude 2480 Feet West of 80 Deg. 40 Min. 0 Sec.

Company: DOMINION APPALACHIAN DEVE
P. O. BOX 1248
JANE LEW, WV 26378-0000

Agent: JOHN T. HASKINS

Inspector: MIKE UNDERWOOD
Permit Issued: 08/26/98
Well work Commenced: 10/29/98
Well work Completed: 11/24/98
Verbal Plugging
Permission granted on: _____ Rig
Rotary X Cable _____
Total Depth (feet) 5812'
Fresh water depths (ft) 315',
Salt water depths (ft) 1310'

Is coal being mined in area (Y/N)? N
Coal Depths (ft): None Reported

| Casing & Tubing Size | Used in | Left in Well | Cement Fill Up Cu. Ft. |
|----------------------|---------|--------------|------------------------|
| 11 3/4" | 29' | 29' | None |
| 7" | 1417' | 1417' | 100 sks |
| 4 1/2" | 5684' | 5684' | 360 sks |

OPEN FLOW DATA

Alexander
Producing formation Leopold Pay zone depth (ft) 5446-5518
Gas: Initial open flow _____ MCF/d Odor _____ Initial open flow _____ ft) 5320-5326
Final open flow 474 MCF/d Final open flow _____ Bbl/d
Time of open flow between initial and final tests _____ 4 Hours
Static rock Pressure 1500 psig (surface pressure) after 72 Hours
Benson
Second producing formation Riley Pay zone depth (ft) 5163-5169
Gas: Initial open flow _____ * MCF/d Oil: Initial open flow _____ ft) 5060-5066
Final open flow _____ * MCF/d Final open flow _____ * Bbl/d
Time of open flow between initial and final tests _____ * Hours
Static rock Pressure _____ * psig (surface pressure) after _____ * Hours

* Commingled

NOTE: ON BACK OF THIS FORM PUT THE FOLLOWING: 1). DETAILS OF PERFORATED INTERVALS, FRACTURING OR STIMULATING, PHYSICAL CHANGE, ETC. 2). THE WELL LOG WHICH IS A SYSTEMATIC DETAILED GEOLOGICAL RECORD OF ALL FORMATIONS, INCLUDING COAL ENCOUNTERED BY THE WALLBORE.

Jamy J. Carullo

For: DOMINION APPALACHIAN DEVELOPMENT, INC.

DODD 4463

By: Larry J. Cavallo; Manager of Engineering
Date: 2/15/99

MAY 2 1999

| ZONES | 4 | STAGE(S) | gelled H2O | FRAC | DATE | 11/24/98 | ISIP |
|-----------|-----------|----------|------------|------|------|----------|------|
| | PERFS | | HOLES | BBL | BP | | |
| Alexander | 5446-5518 | | 16 | 405 | 2368 | 1780 | |
| Leopold | 5320-5326 | | 16 | 446 | 2902 | 1622 | |
| Benson | 5163-5169 | | 16 | 608 | 2579 | 1749 | |
| Riley | 5060-5066 | | 16 | 567 | 3850 | 2005 | |

| FORMATION | COLOR | HARD/SOFT | TOP | BOTTOM | REMARKS |
|--------------|--------------|-----------|------|--------|---------|
| RR | RED | SOFT | 0 | 5 | |
| Sand | WHITE | MED | 5 | 15 | |
| RR & Shale | RED/GRAY | MED | 15 | 35 | |
| Sand & Shale | GRAY | MED | 35 | 79 | |
| Sand | WHITE | HARD | 79 | 155 | |
| RR | RED | SOFT | 155 | 158 | |
| Sand & Shale | GRAY | MED | 158 | 169 | |
| Sand | WHITE | HARD | 169 | 240 | |
| Sand & Shale | GRAY | SOFT | 240 | 259 | |
| Sand | WHITE | HARD | 259 | 360 | |
| Sand & Shale | GRAY | SOFT | 360 | 438 | |
| Sand | WHITE | HARD | 438 | 458 | |
| Shale | GRAY | SOFT | 458 | 613 | |
| Sand | GRAY | HARD | 613 | 629 | |
| Sand | WHITE | HARD | 629 | 643 | |
| Sand & Shale | GRAY | MED | 643 | 731 | |
| Sand | WHITE | HARD | 731 | 740 | |
| Sand & Shale | GRAY | SOFT | 740 | 824 | |
| Sand | WHITE | HARD | 824 | 895 | |
| Sand & Shale | GRAY | SOFT | 895 | 920 | |
| Sand | WHITE | HARD | 920 | 948 | |
| Sand & shale | GRAY | SOFT | 948 | 990 | |
| sand | WHITE | HARD | 990 | 1190 | |
| Shale | RED | SOFT | 1190 | 1221 | |
| Sand & shale | GRAY | MED | 1221 | 1289 | |
| Shale & RR | RED | SOFT | 1289 | 1320 | |
| Sand & Shale | GRAY | SOFT | 1320 | 1522 | |
| Sand | WHITE | HARD | 1522 | 1575 | |
| Sand & Shale | GRAY | SOFT | 1575 | 1691 | |
| sand | WHITE | HARD | 1691 | 1738 | |
| Sand & Shale | GRAY | MED | 1738 | 1788 | |
| Sand | LT GRAY | HARD | 1788 | 1897 | |
| Sand & Shale | GRAY | MED | 1897 | 2104 | |
| L Lime | WHITE | HARD | 2104 | 2130 | |
| Shale | GRAY | SOFT | 2130 | 2140 | |
| B Lime | WHITE | HARD | 2140 | 2224 | |
| Big Injun | LT GRAY | HARD | 2224 | 2295 | |
| Sand & Shale | GRAY | SOFT | 2295 | 2420 | |
| Sand | GRAY | HARD | 2420 | 2460 | |
| Sand & Shale | GRAY | MED | 2460 | 2531 | |
| Sand & Shale | GRAY | SOFT | 2531 | 3010 | |
| Gordon | GRAY | SOFT | 3010 | 3050 | |
| Sand & Shale | GRAY | SOFT | 3050 | 3410 | |
| Sand | LT GRAY | HARD | 3410 | 3429 | |
| sand & Shale | GRAY | SOFT | 3429 | 5036 | |
| riley | LT GRAY | MED | 5036 | 5088 | |
| Sand & Shale | GRAY | SOFT | 5088 | 5148 | |
| Benson | BOWN | MED | 5148 | 5198 | |
| Sand & Shale | GRAY | SOFT | 5198 | 5423 | |
| Alexander | GRAY & WHITE | MED | 5423 | 5535 | |
| Sand & Shale | GRAY | SOFT | 5535 | 5643 | |
| Shale | GRAY | SOFT | 5643 | 5812 | |
| TD | | | 5812 | | |