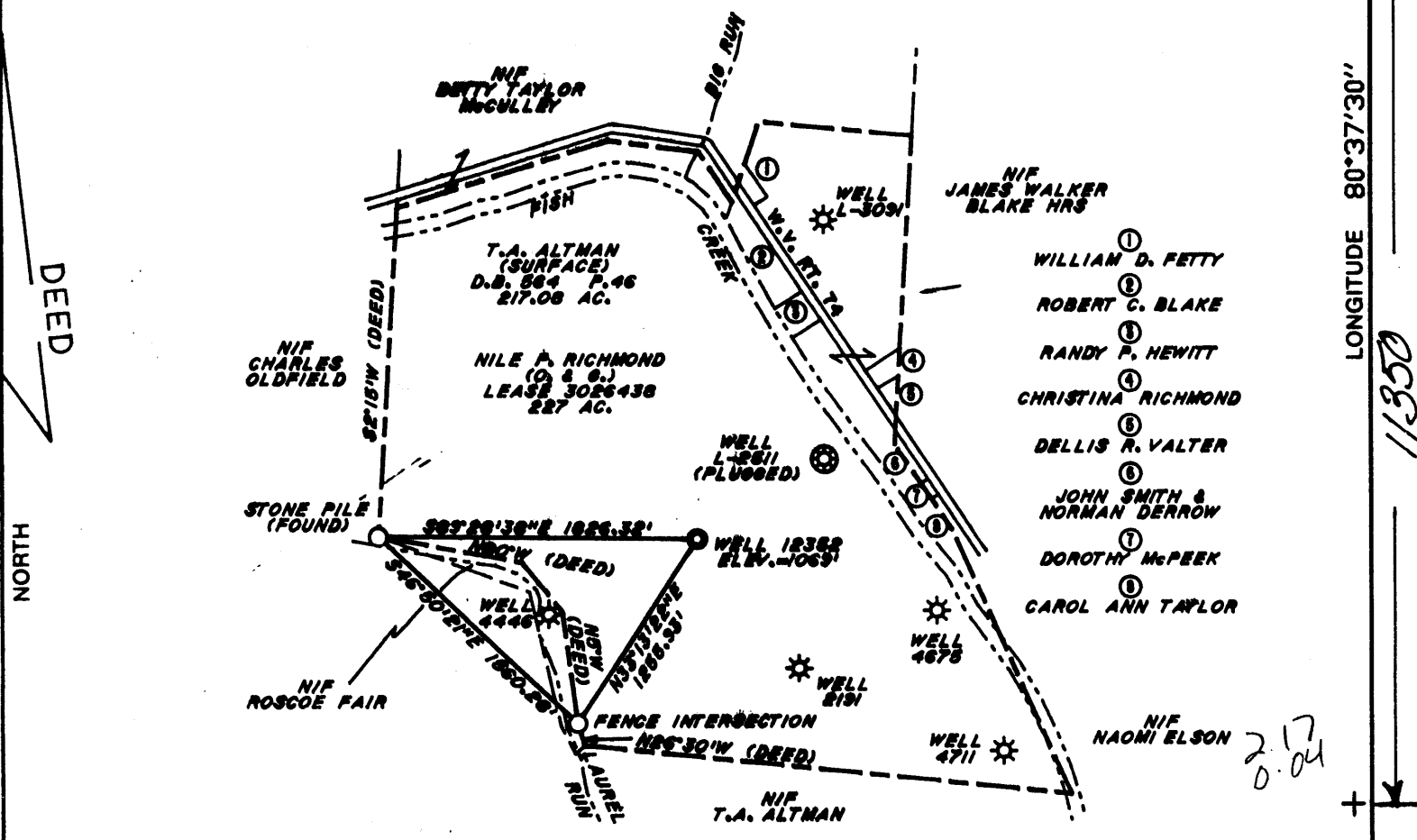


Jamil
11/30/93

LATITUDE 39°47'30"



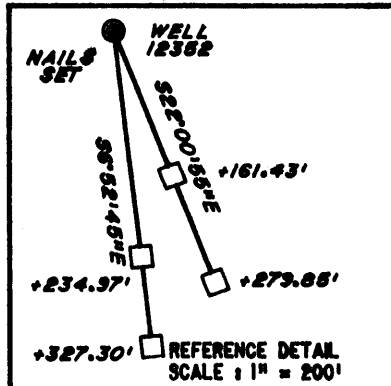
EQUIGNOT 80°37'30"
11350

LAT. 39° 45' 38"
LONG. 80° 37' 34"
F. B. 1779N P. 38-41
INV. MAP 4400/532

NOTE: THIS MAP IS FOR WELL LOCATION PURPOSES ONLY AND DOES NOT REPRESENT A COMPLETE BOUNDARY SURVEY

NOTE: NO WATER PURVEYORS WITHIN 1000' OF PROPOSED WELL SITE.

5.05
224



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

FILE NO. _____
DRAWING NO. _____
SCALE 1" = 1000'
MINIMUM DEGREE OF ACCURACY 1/2500
PROVEN SOURCE OF ELEVATION BM E127
770.09'

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 MINES.
(SIGNED) Neil E. Lyon 8/13/93
R.P.E. _____ L.L.S. #945

PLACE SEAL HERE

STATE OF WEST VIRGINIA
DEPARTMENT OF MINES
OIL AND GAS DIVISION



DATE AUG. 12, 1993
OPERATOR'S WELL NO. 12352
API WELL NO. _____

WELL TYPE: OIL ___ GAS X LIQUID INJECTION ___ WASTE DISPOSAL ___
(IF "GAS,") PRODUCTION ___ STORAGE X DEEP ___ SHALLOW ___
LOCATION: ELEVATION 1069' WATER SHED FISH CREEK
DISTRICT LIBERTY COUNTY MARSHALL
QUADRANGLE GLEN EASTON Cameron SC
SURFACE OWNER T.A. ALTMAN ACREAGE 217.08
OIL & GAS ROYALTY OWNER NILE RICHMOND LEASE ACREAGE 227
LEASE NO. 3026438

PROPOSED WORK: DRILL X CONVERT ___ DRILL DEEPER ___ REDRILL ___ FRACTURE OR STIMULATE ___ PLUG OFF OLD FORMATION ___ PERFORATE NEW FORMATION ___ OTHER PHYSICAL CHANGE IN WELL (SPECIFY) _____

PLUG AND ABANDON ___ CLEAN OUT AND REPLUG ___
TARGET FORMATION BIG INJUN ESTIMATED DEPTH 2300'
WELL OPERATOR COLUMBIA GAS TRANS. CORP. DESIGNATED AGENT R. A. SCHOFF
ADDRESS P. O. BOX 1273 CHARLESTON, WV 25325 179 ADDRESS P. O. BOX 496 WASHINGTON, PA 15301

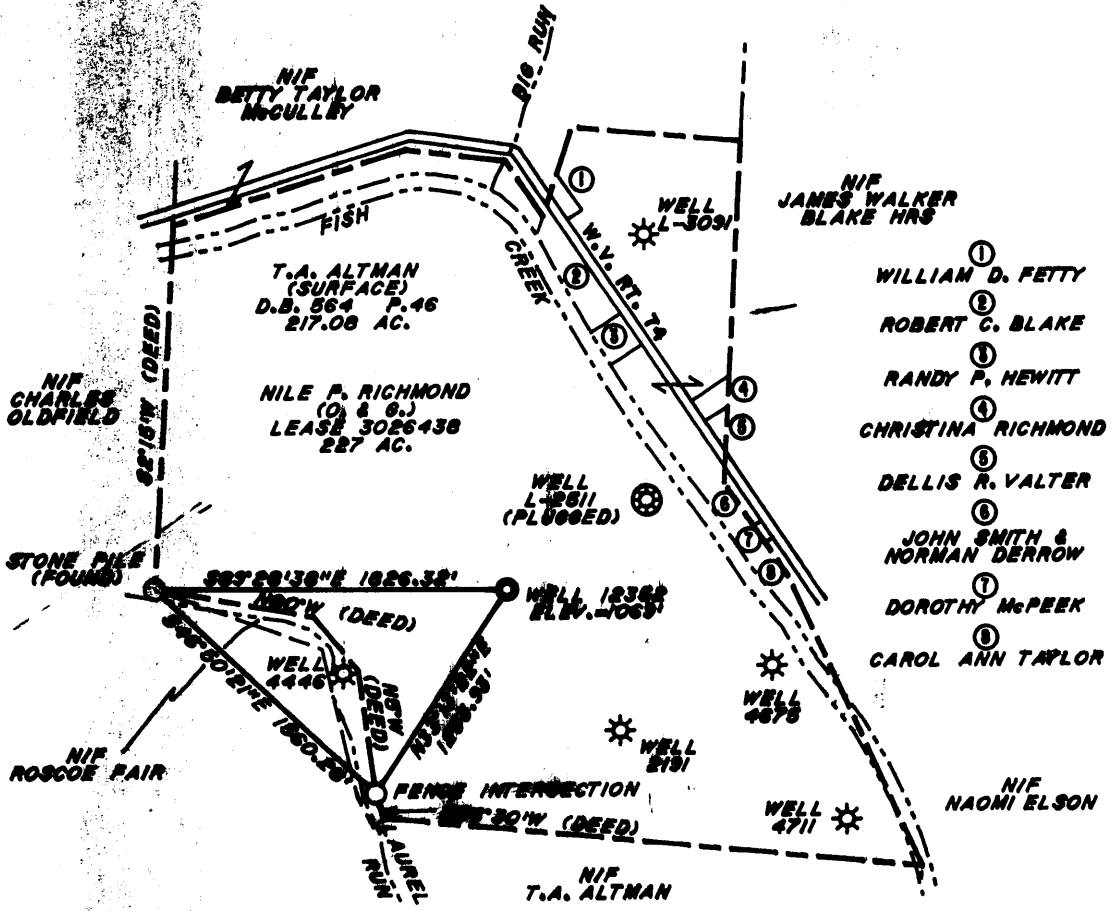
NOV 20 1993

COUNTY NAME PERMIT

FORM IV-B (8-78)

LATITUDE 39°47'30"

Janice
11/30/93



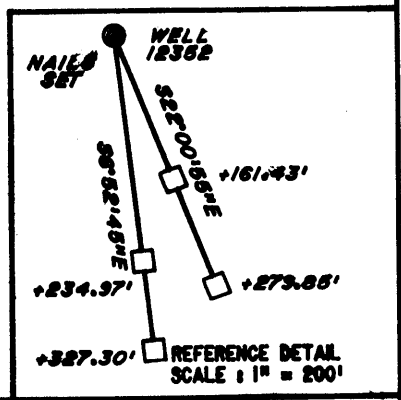
LONGITUDE 80°37'30"

05511

LAT. 39° 45' 38"
LONG. 80° 37' 34"
F. B. 1779N P. 38-41
INV. MAP 4400/532

NOTE: THIS MAP IS FOR WELL LOCATION PURPOSES ONLY AND DOES NOT REPRESENT A COMPLETE BOUNDARY SURVEY

NOTE: NO WATER PURVEYORS WITHIN 1000' OF PROPOSED WELL SITE.



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

FILE NO. _____
 DRAWING NO. _____
 SCALE 1" = 1000'
 MINIMUM DEGREE OF ACCURACY 1/2500
 PROVEN SOURCE OF ELEVATION BM E127
 770.09'

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 MINES.
 (SIGNED) Neil E. Lyon 8/13/93
 R.P.E. _____ L.L.S. #945

PLACE SEAL HERE

STATE OF WEST VIRGINIA
 DEPARTMENT OF MINES
 OIL AND GAS DIVISION



DATE AUG. 12, 1993
 OPERATOR'S WELL NO. 12352
 API WELL NO. 47-057-00789-T
 STATE COUNTY PERMIT

WELL TYPE: OIL ___ GAS X LIQUID INJECTION ___ WASTE DISPOSAL ___
 (IF "GAS,") PRODUCTION STORAGE X DEEP ___ SHALLOW ___
 LOCATION: ELEVATION 1000' WATER SHED FISH CREEK
 DISTRICT LIBERTY COUNTY MARSHALL
 QUADRANGLE GLEN EASTON
 SURFACE OWNER T.A. ALTMAN ACREAGE 217.08
 OIL & GAS ROYALTY OWNER NILE RICHMOND LEASE ACREAGE 227
 LEASE NO. 3026438
 PROPOSED WORK: DRILL X CONVERT ___ DRILL DEEPER ___ REDRILL ___ FRACTURE OR STIMULATE ___ PLUG OFF OLD FORMATION ___ PERFORATE NEW FORMATION ___ OTHER PHYSICAL CHANGE IN WELL (SPECIFY) _____
 PLUG AND ABANDON ___ CLEAN OUT AND REPLUG ___
 TARGET FORMATION BIG RUN ESTIMATED DEPTH 2300'
 WELL OPERATOR COLUMBIA GAS TRANS. CORP. DESIGNATED AGENT R. A. SCHOFF
 ADDRESS P. O. BOX 1273 CHARLESTON, WV 25325 ADDRESS P. O. BOX 496 WASHINGTON, PA 15301

COUNTY NAME MARSHALL
PERMIT 0789-T

FORM IV-6 (8-78)

NOV 12 93

FORM WW-2B

Permitting office STATE OF WEST VIRGINIA DEPARTMENT OF ENERGY, DIVISION OF OIL AND GAS WELL WORK PERMIT APPLICATION

051-0789-T Issued 11/29/93 Expires 11/29/95 Page 1 of 1

- 1) Well Operator: COLUMBIA GAS TRANSMISSION CORPORATION 10450 (4) 370
2) Operator's Well Number: 12352 3) Elevation: 1069
4) Well type: (a) Oil / or Gas X /
(b) If Gas: Production / Underground Storage X / Deep / Shallow X /
5) Proposed Target Formation(s): Big Injun Sand 371
6) Proposed Total Depth: 2300 feet
7) Approximate fresh water strata depths: 150' (est.)
8) Approximate salt water depths: 1200 (est.)
9) Approximate coal seam depths: 815-825' (Pittsburgh Coal)
10) Does land contain coal seams tributary to active mine? Yes / No X /
11) Proposed Well Work: Drill new gas storage well for increased field deliverability.
12)

CASING AND TUBING PROGRAM

Table with 7 columns: TYPE, SPECIFICATIONS (Size, Grade, Weight per ft.), FOOTAGE INTERVALS (For drilling, Left in well), and CEMENT (Fill-up (cu. ft.)). Rows include Conductor, Fresh Water, Coal, Intermediate, Production, Tubing, and Liners.

PACKERS : Kind none Sizes Depths set

0031 9085 23

For Division of Oil and Gas Use Only

Fee(s) paid: Well Work Permit Reclamation Fund WPCP Plat WW-9 WW-2B Bond Surety Agent (Type)

NOV 1 2 3

Permitting

- 1) Date: 11/8/93
- 2) Operator's well number
12352
- 3) API Well No: 47 - 051 - 0789-T
State - County - Permit

STATE OF WEST VIRGINIA
DIVISION OF ENVIRONMENTAL PROTECTION, OFFICE OF OIL AND GAS

NOTICE AND APPLICATION FOR A WELL WORK PERMIT

- 4) Surface Owner(s) to be served:
(a) Name T.A. & Roberta Altman
Address 2364 Aurora Road
Melbourne, FL 32935
(b) Name _____
Address _____
(c) Name _____
Address _____
- 6) Inspector Randal Mick
Address 111 Blackshere Dr.
Mannington, WV 26582
Telephone (304)- 686-3324

- 5) (a) Coal Operator:
Name _____
Address _____
(b) Coal Owner(s) with Declaration
Name Consolidation Coal Co.
Address 1800 Washington Road
Pittsburgh, PA 15241
Name _____
Address _____
(c) Coal Lessee with Declaration
Name _____
Address _____

TO THE PERSON(S) NAMED ABOVE TAKE NOTICE THAT:

Included is the lease or leases or other continuing contract or contracts by which I hold the right to extract oil and gas OR
x Included is the information required by Chapter 22B, Article 1, Section 8(d) of the Code of West Virginia (see page 2)

I certify that as required under Chapter 22B of the West Virginia Code I have served copies of this notice and application, a location plat, and accompanying documents pages 1 through _____ on the above named parties, by:

- _____ Personal Service (Affidavit attached)
- x Certified Mail (Postmarked postal receipt attached)
- _____ Publication (Notice of Publication attached)

I have read and understand Chapter 22B and 38 CSR 11-18, and I agree to the terms and conditions of any permit issued under this application.

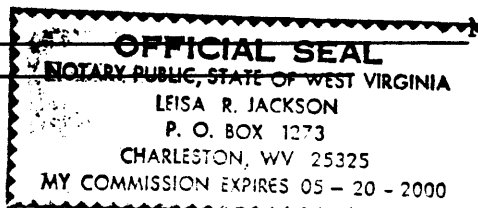
I certify under penalty of law that I have personally examined and am familiar with the information submitted on this application form and all attachments, and that based on my inquiry of those individuals immediately responsible for obtaining the information, I believe that the information is true, accurate, and complete.

I am aware that there are significant penalties for submitting false information, including the possibility of fine and imprisonment.

Well Operator COLUMBIA GAS TRANSMISSION CORP
 By: R. C. WEIDNER
 Its: DIRECTOR, DRILLING & MAINTENANCE
 Address P. O. BOX 1273
CHARLESTON, WV 25325-1273
 Telephone 304-357-2459

Subscribed and sworn before me this 11th day of November, 1993

Leisa R. Jackson
My commission expires _____



Notary Public