

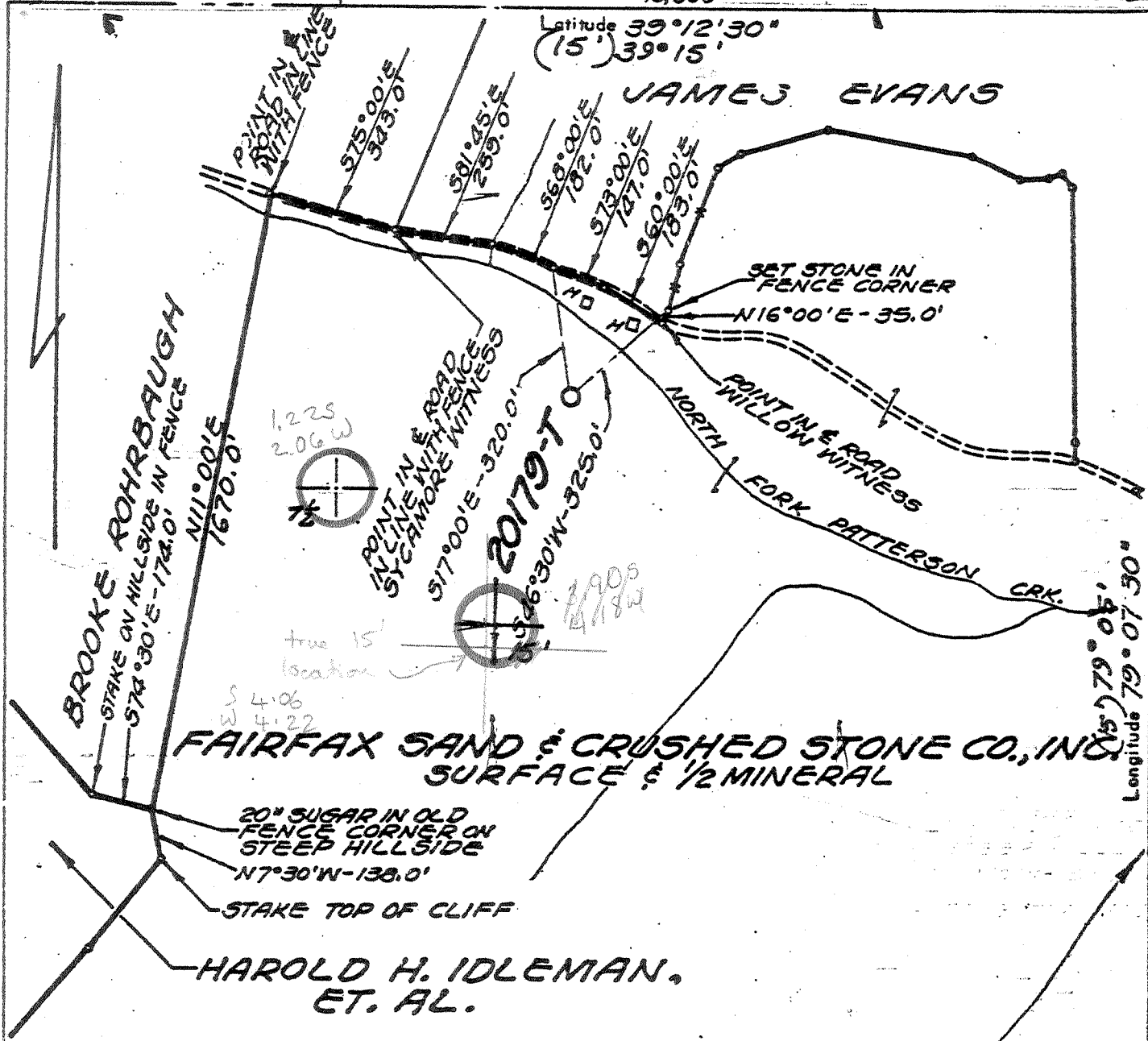
2-41

Card CSD

10,000'

Latitude 39°12'30"
(15') 39°15'

JAMES EVANS



FAIRFAX SAND & CRUSHED STONE CO., INC.
SURFACE & 1/2 MINERAL

HAROLD H. IDLEMAN,
ET. AL.

REVISED
7-29-80
8-6-80
8-22-80

BENCH MARK DESCRIPTION
U.S. GOVERNMENT STANDARD DISK
SET IN CONCRETE WALK OF CHURCH
BUILDING AT SCHERR, STAMPED
J-32-1935 ELEVATION 1565.0'

"I, the undersigned, hereby certify that this map is correct to the best of my knowledge and belief and shows all the information required by the rules and regulations of the oil and gas section of the mining laws of WEST VIRGINIA
Minimum degree of accuracy is one part in 200

- New Location
- Storage
- Drill Deeper
- Abandonment
- Re-Drill/Fracture

Signed Harold Idleman
LICENSED LAND SURVEYOR #162
BOX 1273 CHARLESTON, W. VA.

Company COLUMBIA GAS TRANS. CORP.
 Address BOX 1273 CHARLESTON, W. VA.
 Farm FAIRFAX SAND & CRUSHED STONE CO., INC.
 Lease 183447 Acres 192
 Well Farm No. 1 Ser. No. 20179-T
 Elevation - Spirit Level 1524.19'
 Quadrangle GREENLAND GAP T²&15'N
 Township or District UNION
 County GRANT
 Sec., Lot, Qr. _____ T _____ R _____
 Coordinates LAT. 39°11'25" LONG. 79°09'48"
 File No. L2850F Dwg. No. _____
 Date 1-10-80 Scale 1" = 400'

FORM 1495 CE 4 CSD (REV. 11-78)
 COLUMBIA GAS SYSTEM
 COLUMBIA GAS TRANSMISSION CORPORATION
 WELL LOCATION MAP
 STATE OF WEST VIRGINIA
 (+) Denotes Values of Well On United States Topographic Maps

023-0004-P

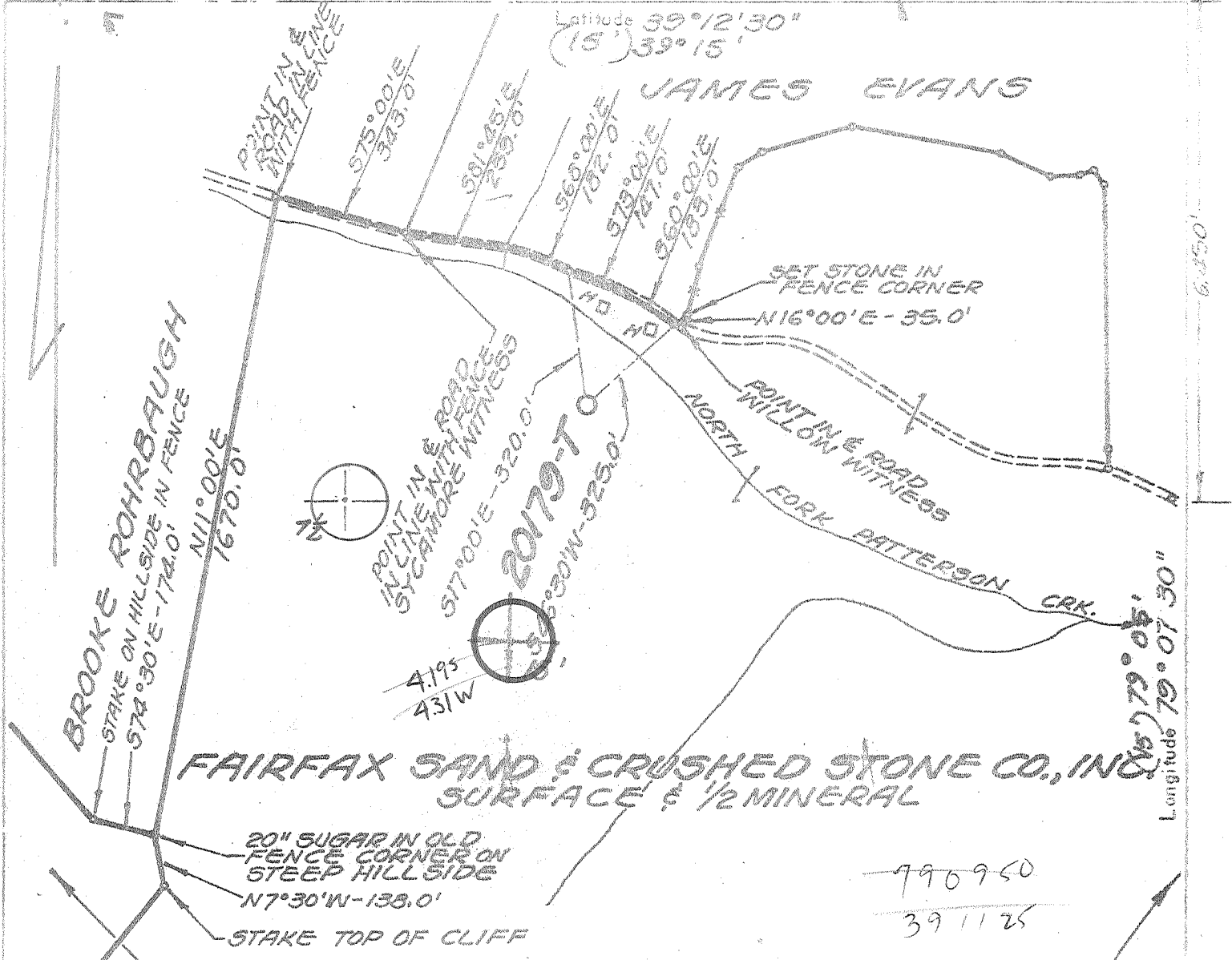
Scale 15' 7-1/2'

Deepwell

7075 ORISKANY

FEB 13 1981

Latitude 39°12'30"
(15') 39°15'



FAIRFAX SAND & CRUSHED STONE CO., INC.
SURFACE & 1/2 MINERAL

HAROLD H. IDLEMAN,
ET. AL.

790950
391125

REVISED
7-29-80
8-6-80
8-22-80

BENCH MARK DESCRIPTION
U.S. GOVERNMENT STANDARD DISK
SET IN CONCRETE WALK OF CHURCH
BUILDING AT SCHERR, STAMPED
U-32-1935 ELEVATION 1565.0'

"I, the undersigned, hereby certify that this map is correct to the best of my knowledge and belief and shows all the information required by the rules and regulations of the oil and gas section of the mining laws of WEST VIRGINIA
Minimum degree of accuracy is one part in 200

- New Location
- Storage
- Drill Deeper
- Abandonment
- Re-Drill/Fracture

Signed *Harold Idleman*

LICENSED LAND SURVEYOR #102
BOX 1273 CHARLESTON, W. VA.

Company COLUMBIA GAS TRANS. CORP.
 Address BOX 1273 CHARLESTON, W. VA.
 Farm FAIRFAX SAND & CRUSHED STONE CO., INC.
 Lease 183447 Acres 192
 Well Farm No. 1 Ser. No. 20179-T
 Elevation - Spirit Level 1524.19'
 Quadrangle GREENLAND GAP T8R15' N4
 Township or District UNION
 County GRANT
 Sec., Lot, Qr. _____ T _____ R _____
 Coordinates LAT. 39°11'26" LONG. 79°09'28"
 File No. L2850F Dwg. No. _____
 Date 1-10-80 Scale 1" = 400'

FORM 1495 CE 4 CSD (REV. 11-78)

COLUMBIA GAS SYSTEM
COLUMBIA GAS TRANSMISSION CORPORATION
WELL LOCATION MAP
STATE OF WEST VIRGINIA

(+) Denotes Values of Well On United States Topographic Maps

023-0004
Scale 15' 7-1/2'

SEP 23 1980

DEEP Well 1-0 7075 ORISKANY



RECEIVED

FEB - 7 1981

STATE OF WEST VIRGINIA
DEPARTMENT OF MINES

PAN-4-P

Oil and Gas Division

OIL & GAS DIVISION
DEPT. OF MINES

WELL RECORD

Quadrangle Greenland Gap

Permit No. 47-023-0004

Rotary X Oil _____
Cable _____ Gas X
Recycling _____ Comb. _____
Water Flood _____ Storage _____
Disposal _____ (Kind)

Company Columbia Gas Transmission Corp.
Address P. O. Box 1273, Charleston, WV
Farm _____ Acres _____
Location (waters) North Fork of Patterson Ck.
Well No. 20179-T Elev. 1524G.L.
District Union County Grant
The surface of tract is owned in fee by Fairfax
Sand and Crushed Stone Co.
Address Scheer, WV
Mineral rights are owned by NA
Address _____
Drilling Commenced 9-27-80
Drilling Completed 1-1-81
Initial open flow 0 cu. ft. _____ bbls.
Final production _____ cu. ft. per day _____ bbls.
Well open _____ hrs. before test _____ RP.

Casing and Tubing	Used in Drilling	Left in Well	Cement fill up Cu. ft. (Sks.)
Size 20-16			
Cond. 20"		29'	75 sx Neat
13-10 13-3/8"		370'	250 sx Lite
9 5/8 9-5/8"		2053'	100 sx Neat
8 5/8			650 sx
7			
5 1/2			
4 1/2			
3			
2			
Liners Used			

Well treatment details:

Attach copy of cementing record.

Plugged & Abandoned 1-3-81

Coal was encountered at _____ Feet _____ Inches
Fresh water _____ Feet _____ Salt Water _____ Feet _____
Producing Sand _____ Depth _____

Formation	Color	Hard or Soft	Top Feet	Bottom Feet	Oil, Gas or Water	* Remarks
Limestone	<i>Tenoloway</i>		G.L.	300'	Water	
Dolomite, LS			300'	2100'	Making water	
SS		Hard	2100'	2600'	Making water @ 2410'	
Shale			2600'	2800'	Dry	
Sandstone			2800'	3200'		
Shale			3200'	6800'		
Sandstone			6800'	7300'		<i>7075' DOR</i>
Shale			7300'	8100'		
Limestone			8100'	9100'		<i>HOBE? Trenton?</i>

(over)

* Indicates Electric Log tops in the remarks section.

FEB 13 1981



STATE OF WEST VIRGINIA
DEPARTMENT OF MINES

Oil and Gas Division

RECEIVED

SEP - 4 1980

OIL AND GAS WELL PERMIT APPLICATION

OIL & GAS DIVISION
DEPT. OF MINES

TO THE DEPARTMENT OF MINES,

Charleston, W. Va.
Fairfax Sand and Crushed
Surface Owner Stone Company
Address Rt. 1, Box 68, Thomas, WV
Mineral Owner Same as above
Address
Coal Owner Same as above
Address
Coal Operator Unoperated
Address

DATE September 3, 1980
Company Columbia Gas Transmission Corporation
Address P. O. Box 1273, Charleston, WV
Farm Fairfax Crushed St. Co. Acres 192
Location (waters) North Fk. of Patterson Creek
Well No. 20179-T Elevation 1524.19
District Union County Grant
Quadrangle Greenland Gap

THIS PERMIT MUST BE POSTED AT THE WELL SITE

All provisions being in accordance with Chapter 22, of the W. Va. Code, the location is hereby approved for drilling. This permit shall expire if operations have not commenced by 5-8-81.

[Signature]
Deputy Director - Oil & Gas Division

INSPECTOR
TO BE NOTIFIED Robert Stewart
ADDRESS P. O. Box 345, Jane Lew, WV
PHONE 884-7782

GENTLEMEN:

The undersigned well operator is entitled to drill upon the above named farm or tract of land for oil and gas, having fee title thereto, (or as the case may be) under grant or lease dated 8/16/ 1979 By Fairfax Sand & Crushed Stone Co. made to Columbia Gas Trans. and recorded on the --- day of --- 19-- in Grant County, Book 127 Page 575

X NEW WELL DRILL DEEPER REDRILL FRACTURE OR STIMULATE
OIL AND GAS WELL ORIGINALLY DRILLED BEFORE JUNE 5, 1969.

The enclosed plat was prepared by a registered engineer or licensed land surveyor and all coal owners and/or operators have been notified as of the above date.

The above named coal owners and/or operator are hereby notified that any objection they wish to make, or are required to make by Section 3 of the Code, must be received by, or filed with the Department of Mines within ten (10) days.

Copies of this notice and the enclosed plat were mailed by registered mail, or delivered to the above named coal operators or coal owners at their above shown respective address --- day --- before, or on the same day with the mailing or delivery of this copy to the Department of Mines at Charleston, West Virginia.

PLEASE SUBMIT COPIES OF ALL GEOPHYSICAL LOGS DIRECTLY TO:

WEST VIRGINIA GEOLOGICAL AND ECONOMIC SURVEY
P. O. BOX 879
MORGANTOWN, WEST VIRGINIA 26505
AC-304 - 292-6331

Address of Well Operator

Very truly yours,
(Sign Name) *[Signature]*
Well Operator

P. O. Box 1273
Street
Charleston
City or Town
West Virginia 25325
State

SECTION 3 If no objections are filed or found by the Department of mines, within said period of ten days from the receipt of notice and plat by the department of mines, to said proposed location, the department shall forthwith issue to the well operator a permit reciting the filing of such plat, that no objections have been made by the coal operators or found thereto by the department and that the same is approved and the well operator authorized to proceed.

47-023-0004 PERMIT NUMBER

BLANKET BOND

"I have read and understand the reclamation requirements as set forth in Chapter 22, Article 4, Section 12-b and will carry out the specified requirements."

Signed by *[Signature]*
Director, Exploration & Development

[Handwritten signature]

THIS IS AN ESTIMATE ONLY
ACTUAL INFORMATION WILL BE SUBMITTED ON OG-10 UPON COMPLETION

PROPOSED WORK ORDER TO X DRILL _____ DEEPEN _____ FRACTURE-STIMULATE _____
 DRILLING CONTRACTOR: (If Known) _____ RESPONSIBLE AGENT: _____
 NAME _____ NAME Dave Rife
 ADDRESS _____ ADDRESS P. O. Box 1440, Cumberland, MD
 TELEPHONE _____ TELEPHONE (301) 729-8181
 ESTIMATED DEPTH OF COMPLETED WELL: 7075' ROTARY X CABLE TOOLS _____
 PROPOSED GEOLOGICAL FORMATION: Oriskany
 TYPE OF WELL: OIL _____ GAS X COMB. _____ STORAGE _____ DISPOSAL _____
 RECYCLING _____ WATER FLOOD _____ OTHER _____

TENTATIVE CASING PROGRAM:

CASING AND TUBING SIZE	USED FOR DRILLING	LIFT IN WELL	CEMENT LIFT UP OR SACKS - CUBIC FT.
20 - KK	90'		to surface
13 - KK 3/8	500'		to surface
9 - 5/8	2500'		to surface
8 - 5/8			
7			
5 1/4	7075'		
4 1/4			
3			
2			Perf. Top
Liners			Perf. Bottom
			Perf. Top
			Perf. Bottom

APPROXIMATE FRESH WATER DEPTHS _____ FEET SALT WATER _____ FEET
 APPROXIMATE COAL DEPTHS _____
 IS COAL BEING MINED IN THE AREA? No BY WHOM? _____

TO DRILL:

SUBMIT FIVE (5) COPIES OF OG - 1, \$100.00 PERMIT FEE, PERFORMANCE BOND AND PERMANENT COPY OF PLAT.

TO DRILL DEEPER OR REDRILL:

SUBMIT FIVE (5) COPIES OF OG - 1, SHOWING ORIGINAL PERMIT NUMBER AND PERFORMANCE BOND. ON WELLS DRILLED PRIOR TO 1929, A PERMANENT COPY OF THE PLAT AND THE ORIGINAL WELL RECORD MUST ALSO BE SUBMITTED.

TO FRACTURE - STIMULATE:

OIL AND/OR GAS WELL ORIGINALLY DRILLED BEFORE JUNE 5, 1929, FIVE (5) COPIES OG - 1, PERFORMANCE BOND, PERMANENT PLAT AND ORIGINAL WELL RECORD.

OIL AND/OR GAS WELL ORIGINALLY DRILLED ON AND/OR AFTER JUNE 5, 1929, FIVE COPIES OG - 1, SHOWING ORIGINAL PERMIT NUMBER, AND PERFORMANCE BOND.

Required forms must be filed within ninety (90) days of completion for bond release. Inspector to be notified twenty-four (24) hours in advance.

The following waiver must be completed by the coal operator if the permit is to be issued within ten days of receipt thereof.

WAIVER: I the undersigned, Agent for _____ Coal Company, Owner or Operator of the coal under this lease have examined and place on our mine maps this proposed well location.

We the _____ Coal Company have no objections to said well being drilled at this location, providing operator has complied with all rules and regulations in Articles 4, 5, and 7, Chapter 22 of the West Virginia Code.

For Coal Company

Official Title

STATE OF WEST VIRGINIA
DEPARTMENT OF MINES
OIL AND GAS WELLS DIVISION

RECEIVED

JAN 15 1981

AFFIDAVIT OF PLUGGING AND FILLING WELL

AFFIDAVIT SHOULD BE MADE IN TRIPLICATE, ONE COPY MAILED TO THE DEPARTMENT, ONE COPY TO BE RETAINED BY THE WELL OPERATOR AND THE THIRD COPY (AND EXTRA COPIES IF REQUIRED) SHOULD BE MAILED TO EACH COAL OPERATOR AT THEIR RESPECTIVE ADDRESSES.

OIL & GAS DIVISION
DEPT. OF MINES

UNOPERATED

COAL OPERATOR OR OWNER

ADDRESS

N/A

COAL OPERATOR OR OWNER

ADDRESS

Fairfax Sand & Crushed Stone

LEASE OR PROPERTY OWNER

Rt. 1 Box 68, Thomas, WV

ADDRESS

Columbia Gas Transmission Corp.

NAME OF WELL OPERATOR

P. O. Box 1273, Charleston, WV

COMPLETE ADDRESS

January 3, 81

19

WELL AND LOCATION

Union District

Grant County

Well No. 20179-T

Fairfax Sand & Crushed Stone Co. Farm

STATE INSPECTOR SUPERVISING PLUGGING..... Robert Stewart

AFFIDAVIT

STATE OF WEST VIRGINIA,
County of Kanawha } SS:

Charles Fordyce and Robert Copley

being first duly sworn according to law depose and say that they are experienced in the work of plugging and filling oil and gas wells and were employed by Columbia Gas Transmission Corp., well operator, and participated in the work of plugging and filling the above well, that said work was commenced on the 3rd day of January, 19 81, and that the well was plugged and filled in the following manner:

SAND OR ZONE RECORD	FILLING MATERIAL	PLUGS USED	CASING	
			SIZE & KIND	CSG PULLED / CSG LEFT IN
FORMATION				
Sandstone	in Gel filled hole 80 bbls neat cement up into 9-5/8" casing. Fill with 12 bbls. gel then 10 bbls. of cement to surface.			29'-20"
				370'-13-3/8"
				2053' - 9-5/8"
	Plug from 2650' - 2020' 100' - G.L.			
COAL SEAMS				
(NAME)			DESCRIPTION OF MONUMENT	
(NAME)			Erected monument as prescribed by law.	
(NAME)				
(NAME)				

and that the work of plugging and filling said well was completed on the 3rd day of January, 19 81.

And further deponents soith not.

Sworn to and subscribed before me this 13th day of January, 19 81.

My commission expires:
August 13, 1989

Charles Fordyce
Robert Copley
Larry L. Burdette
Notary Public.
Permit No. Grant-4-P
023