

IRON PIPE BY CHES. SWAG. SUB. & C.O. WIT.

N 35° 10' E  
174.2''

N 35° 10' E  
174.2''

N 18° 12' E  
150.0''

IRON STAKE, WICH  
PANEL & HY.

IRON STAKE, DND.  
& HY. PTRS.

Wm. D. McCLUNG, EXEC.

IRON STAKE, RD.  
W.O. & ASH PTRS.

X - FARM MAP

U.S.G.M.  
TOP OF ROCK ON SOUTH  
SIDE OF STATE ROUTE 8 IN  
CURVE OF ROAD 0.2 MI.  
WEST OF KIEFFER STAMPED  
#2232-1881-ELV. 2507'

- Fracture
- Before 6/5/29
- New Location
- Drill Deeper
- Redrill
- Abandonment

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 Paragraph 6 of the Rules and Regulations of the Oil and Gas Section of the Mining Laws of West Virginia.  
The accuracy of this survey is within the limits and as prescribed in Paragraph 6 by the Oil and Gas Division of the Department of Mines Regulations.

Company COLUMBIA GAS TRANS. CORP  
 Address CHARLESTON, WVA  
 Farm EUGENE M. THOMPSON (MERGER)  
 Tract \_\_\_\_\_ Acres 182 Lease No. PT 174105  
 Well (Farm) No. \_\_\_\_\_ Serial No. 20058-T  
 Elevation (Spirit Level) 2875.42' NC  
 Quadrangle RUPERT-7 1/2' ~ Clintonville-15'  
 County GREENBRIER District MEADOW BLUFF  
 Engineer William E. Hightman  
 Engineer's Registration No. 2336 (WVA)  
 File No. 116-33 Drawing No. \_\_\_\_\_  
 Date APRIL 9, 1974 Scale 1" = 400'

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

WELL LOCATION MAP  
FILE NO. Green-21-P

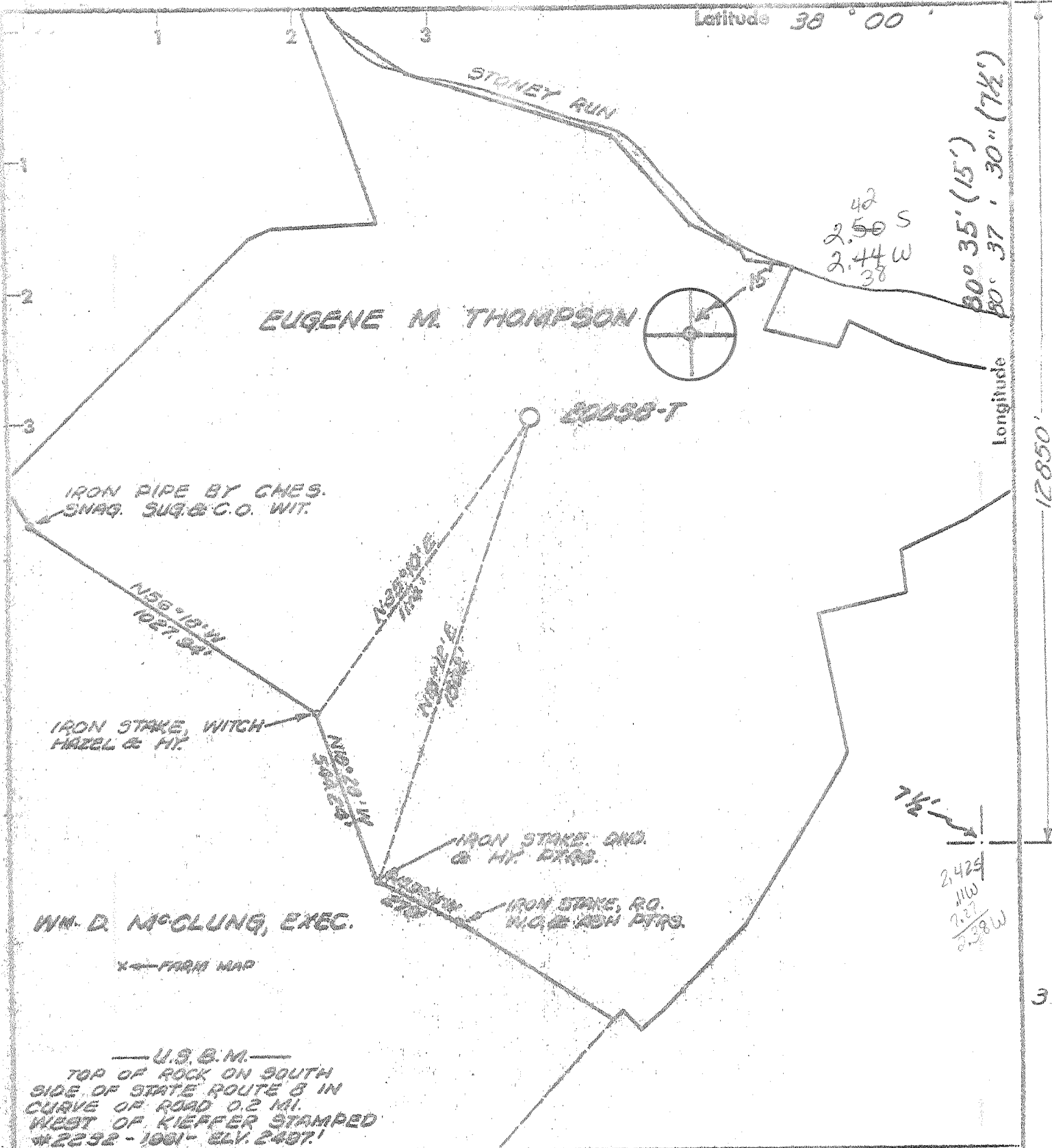
+ Denotes location of well on United States Topographic Maps, scale 1 to 62,500 latitude and longitude lines being represented by border lines as shown.

- Denotes one inch spaces on border line of original tracing. H7-025

3200' Berea.

550'  
S/3174 CEN

Latitude 38° 00'



42  
2.50 S  
2.44 W  
38

50° 35' (15')  
50° 37' 30" (7 1/2')

Longitude

12850'

7 1/2'  
2425  
11W  
2.27  
2.38W

W.D. McCLUNG, EXEC.

X ← FARM MAP

U.S. B.M.  
TOP OF ROCK ON SOUTH  
SIDE OF STATE ROUTE 8 IN  
CURVE OF ROAD 0.2 MI.  
WEST OF KIEFFER STAMPED  
#2232-1001- ELEV. 2487.1

- Fracture Before 6/5/29
- New Location
- Drill Deeper
- Redrill
- Abandonment

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 Paragraph 6 of the Rules and Regulations of the Oil and Gas Section of the Mining Laws of West Virginia.  
The accuracy of this survey is within the limits and as prescribed in Paragraph 5 by the Oil and Gas Division of the Department of Mines Regulations.

Company COLUMBIA GAS TRANS. COOR.  
 Address CHARLESTON, WVA  
 Farm EUGENE M. THOMPSON (MERGER)  
 Tract \_\_\_\_\_ Acres 182 Lease No. PT 174103  
 Well (Farm) No. \_\_\_\_\_ Serial No. 20058-T  
 Elevation (Spirit Level) 2875.42' NC  
 Quadrangle RUPERT-7 1/2' - Clintonville-15'  
 County GREENBRIER District MEADOW BLUFF  
 Engineer William E. Hoffmann  
 Engineer's Registration No. 2336 (WVA)  
 File No. 118-32 Drawing No. \_\_\_\_\_  
 Date APRIL 9, 1974 Scale 1" = 400'

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

WELL LOCATION MAP  
FILE NO. Green-21

+ Denotes location of well on United States Topographic Maps, scale 1 to 62,500 latitude and longitude lines being represented by border lines as shown.

- Denotes one inch spaces on border line of original tracing. 47-025

3200' Bered. 1-0



STATE OF WEST VIRGINIA  
DEPARTMENT OF MINES  
OIL AND GAS DIVISION

Rotary   
Spudder   
Cable Tool   
Storage   
Oil or Gas Well

Quadrangle Clendenin

Permit No. GREEN-21

WELL RECORD

Company Columbia Gas Transmission Corp.  
Address P.O. Box 1273, Charleston, WV  
Farm Eugene M. Thompson Acres. 675

Location (waters) Stoney Run  
Well No. 20,058-T Elev. 2875.42

District Meadow Bluff County Greenbrier

The surface of tract is owned in fee by \_\_\_\_\_ Address \_\_\_\_\_

Mineral rights are owned by \_\_\_\_\_ Address \_\_\_\_\_

Drilling commenced June 6, 1974

Drilling completed June 20, 1974

Date Shot \_\_\_\_\_ From \_\_\_\_\_ To \_\_\_\_\_

With \_\_\_\_\_

Open Flow \_\_\_\_\_ /10ths Water in \_\_\_\_\_ Inch  
\_\_\_\_\_ /10ths Merc. in \_\_\_\_\_ Inch

Volume \_\_\_\_\_ Cu. Ft.

Rock Pressure \_\_\_\_\_ lbs. \_\_\_\_\_ hrs.

Oil \_\_\_\_\_ bbls., 1st 24 hrs.

WELL ACIDIZED (DETAILS) \_\_\_\_\_

WELL FRACTURED (DETAILS) Not Fractured

RESULT AFTER TREATMENT (Initial open Flow or bbls.) \_\_\_\_\_

ROCK PRESSURE AFTER TREATMENT \_\_\_\_\_

Fresh Water \_\_\_\_\_ Hours \_\_\_\_\_

Producing Sand Dry \_\_\_\_\_ Salt Water \_\_\_\_\_

Casing and Tubing	Used in Drilling	Left in Well	Packers
Size			
16			
13	29'	29'	Kind of Packer
10			Size of
9 5/8	684'	618'	Depth set
6 3/4			Perf. top
5 3/16			Perf. bottom
4 1/2			Perf. top
3			Perf. bottom
2			
Liners Used			

Attach copy of cementing record.  
CASING CEMENTED 9" SIZE No. Ft. \_\_\_\_\_ Date \_\_\_\_\_  
Amount of cement used (bags) 220  
Name of Service Co. Dowell

COAL WAS ENCOUNTERED AT	FEET	INCHES	FEET	INCHES
_____	_____	_____	_____	_____
_____	_____	_____	_____	_____

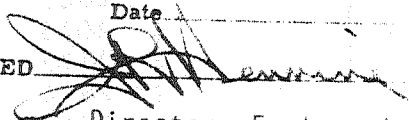
Formation	Color	Hard or Soft	Top	Bottom	Oil, Gas or Water	Depth	Remarks
Surface Clay			0	21			
and			21	53			
ale			53	88			13-3/4 set @ 39' R.K.B.
and			88	212			
id Lime			212	237			
l & Gray Lime			237	302			Hole wet @ 79'
ad			302	330			
& Gray Lime			330	351			
d			351	377			
dy Shale			377	394			
d			394	423			
& Gray Lime			423	547			
Rock & Sand			547	650			
e			650	724			
Rock & Lime			724	1201			9-5/8 set @ 693'
on			1201	1210			
Rock & Lime			1210	1403			
e			1403	1434			
, Shale, Lime			1434	1530			
e & Lime			1530	1596			Little Lime
n			1596	1690			
on			1690	2300			
Siltstn			2300	2433			Big Lime
e			2433	2609			5" water @ 2867'
& Shale			2609	2626			
d			2626	2773			Upper Weir
& Shale			2773	2846			
			2846	2908			Hole full of salt water
			2908	2940			2988' Lower Weir

RECEIVED  
JUL 28 1975

Formation	Color	Hard or Soft	Top 8	Bottom	Oil, Gas or Water	Depth Found	Remarks
Silt & Shale			2940	3282			
area			3282	3298			
Silt & Shale			3298	TD			
			3392				

Date

APPROVED



By Director, Exploration & Development  
COLUMBIA GAS TRANSMISSION CORPORATION



STATE OF WEST VIRGINIA  
DEPARTMENT OF MINES

RECEIVED  
MAY 3 1974  
OIL & GAS DIVISION  
DEPT. OF MINES

Oil and Gas Division

OIL AND GAS WELL PERMIT APPLICATION

TO THE DEPARTMENT OF MINES,  
Charleston, W. Va.

DATE May 2, 1974

Surface Owner Eugene M. Thompson  
Address Box 175, Pecks Mill, WV 25547  
Mineral Owner Same as above  
Address \_\_\_\_\_  
Coal Owner Same as above  
Address (Not leased)  
Coal Operator Not Operated  
Address \_\_\_\_\_

Company Columbia Gas Transmission Corporation  
Address P.O. Box 1273, Charleston, WV 25325  
Farm Eugene M. Thompson Acres 182  
Location (waters) Stoney Run / Meadow Bluff / Meadow River  
Well No. 20058-T Elevation 2875.42'  
District Meadow Bluff County Greenbrier  
Quadrangle Rupert

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 9-6-74

INSPECTOR TO BE NOTIFIED  
Brenton PH: 732-6227  
Arthur St. Clair  
w/v.

Robert L. Bell  
Deputy Director - Oil & Gas Division

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 February 13 1974 by Eugene M. Thompson, et ux made to Columbia Gas Transmission Corp. and recorded on the 11th day of March 1974, in Greenbrier County, Book 20 Page 175

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 2nd day May before, or on the same day with the mailing or delivery of this copy to the Department of Mines at Charleston, West Virginia.

Very truly yours, COLUMBIA GAS TRANSMISSION CORPORATION

(Sign Name) [Signature]  
Well Operator  
Director, Exploration & Development  
Post Office Box 1273  
Street  
Charleston  
City or Town  
West Virginia 25325  
State

PLEASE SUBMIT COPIES OF ALL  
GEOPHYSICAL LOGS DIRECTLY TO:  
West Virginia Geological and Economic Survey  
P. O. Box 879  
Martinsburg, W. Va. 26505  
AC 304-896-4461

\*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.

BLANKET BOND

Green-21 PERMIT NUMBER  
47-025

