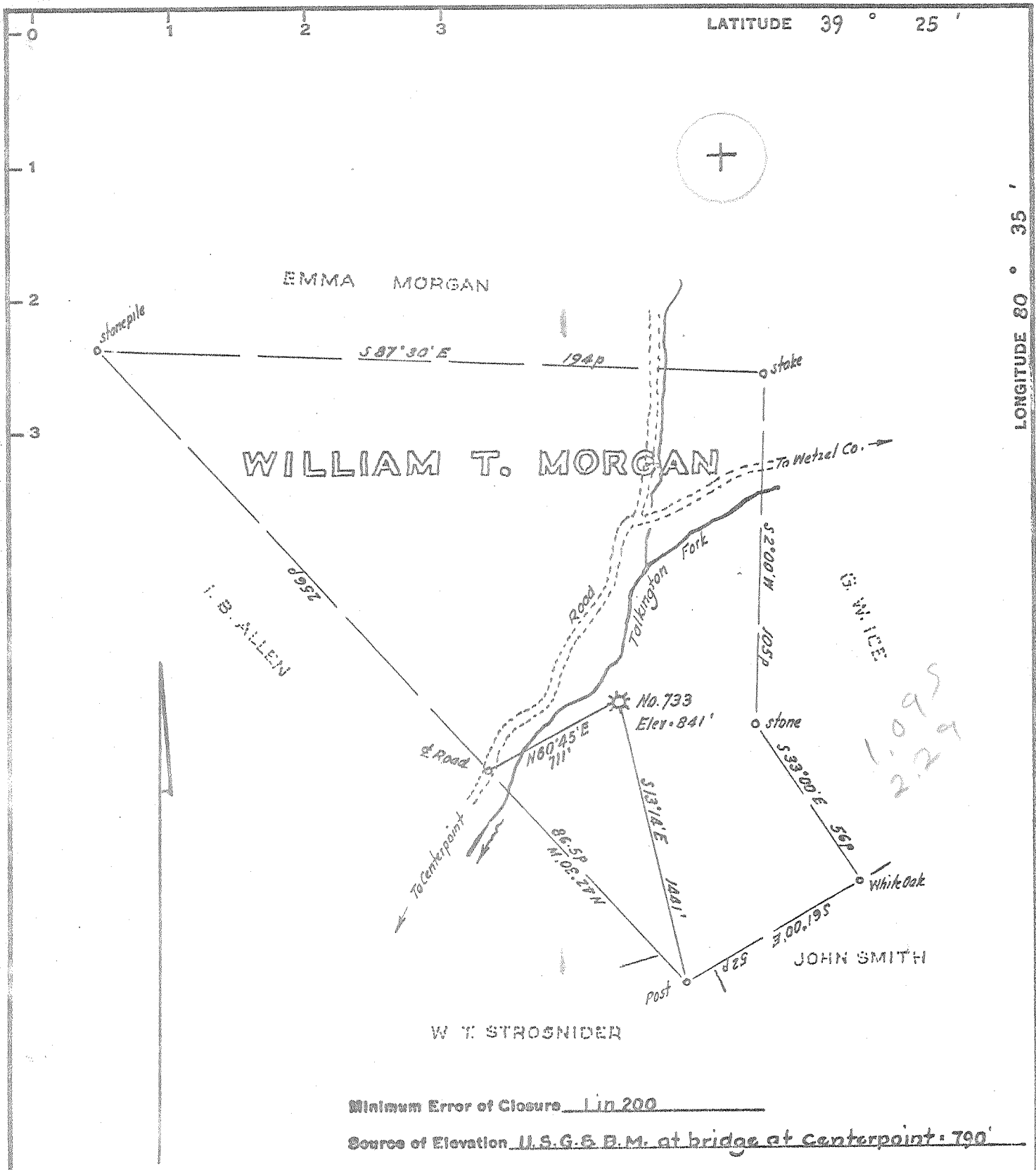


2/26/69



Minimum Error of Closure 1 in 200
 Source of Elevation U.S.G.S B.M. at bridge at Centerpoint - 790'

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.

Fracture
 New Location
 Drill Deeper
 Abandonment
 Partial Plugging - 2-27-69

Signed: W. H. Hoover
 Squares: N S E W

Company CARNEGIE NATURAL GAS CO.
 Address Munhall, Penna.
 Farm William T. Morgan
 Tract _____ Acres 118.5 Lease No. A136
 Well (Farm) No. One Serial No. 733
 Elevation (Spirit Level) 841
 Quadrangle Centerpoint NW C
 County Doddridge District McClellan
 Engineer W. H. Hoover
 Engineer's Registration No. 1227
 File No. _____ Drawing No. _____
 Date February 2, 1969 Scale 1" = 40p = 680'

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

WELL LOCATION MAP
 FILE NO. DOD-1272-PP 2404
TRANS. TO DOD-32-FRAC.

+ 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.
70760 on CNG map



STATE OF WEST VIRGINIA
DEPARTMENT OF MINES
OIL AND GAS DIVISION

- Rotary
- Spudder
- Cable Tools
- Storage

Centerpoint NW
Quadrangle
Permit No. DOD-32-FRAC

WELL RECORD

Oil or Gas Well GAS
(KIND)

Company Carnegie Natural Gas Company
Address 3904 Main Street, Munhall, Pa. 15120
Farm W. T. Morgan Acres 118
Location (waters) Talkington Fork
Well No. 1-733 Elev. 841
District McClellan County Doddridge
The surface of tract is owned in fee by
Address
Mineral rights are owned by W.T. Morgan Heirs c/o
Frankie Morgan Address Centerpoint, W. Va.
Drilling commenced 5-21-17 C.O. 2-26-69
Drilling completed 7-12-17 C.O. 3-5-69
Date Shot From To
With
Open Flow 7/10ths Water in 2" In
/10ths Merc. in In
Volume 112,000 Cu. Ft.
Rock Pressure 220 lbs. hrs.
Oil bbls., 1st 24 hrs.

Casing and Tubing	Used in Drilling	Left in Well	Packers
Size			Kind of Packer
16.			
13.			
10.	154		Size of
8 1/4	928	277	Depth set
7 1/2	1775	1775	
5 3/16			
4 1/2	1973	1973	
3.			Perf. top <u>1830</u>
2.	1810	Removed	Perf. bottom <u>1847</u>
Liners Used			Perf. top <u>1890</u>
			Perf. bottom <u>1907</u>

WELL ACIDIZED (DETAILS)
WELL FRACTURED (DETAILS) 3/19/69 30,000# Sand, 1,000 gal. acid, and 721 bbl. water.

Attach copy of cementing record.
CASING CEMENTED 4.50" SIZE 1973 No. Ft. 3/7/69 Date
Amount of cement used (bags) 50
Name of Service Co. Garaton Service, Inc.
COAL WAS ENCOUNTERED AT 450 FEET 24 INCHES
FEET INCHES FEET INCHES
FEET INCHES FEET INCHES

RESULT AFTER TREATMENT (Initial open Flow or bbls.) Final Test - 858,000 cu. ft. 858 McF
ROCK PRESSURE AFTER TREATMENT 520 HOURS 12
Fresh Water Feet Salt Water Feet
Producing Sand Big Injun Depth 1830-1847; 1890-1907

Formation	Color	Hard or Soft	Top	Bottom	Oil, Gas or Water	Depth	Remarks
Pittsburgh Coal			450	452			
Little Dunkard			725	750			
Big Dunkard			928	1000			
Gas Sand			1025	1095			
East Salt Sand			1150	1235			
West Salt Sand			1390	1450			
Little Lime			1685	1700			
Concil Cave			1700	1739			
Big Lime			1759	1804			
Big Injun			1804	1945	Gas	1828, 1837 1904	
0 Ft.			2300	2365			
Ardon Stray			2510	2530			
Ardon			2550	2564			
Total Depth				2615			
Drugged back to				1972			
Cemented and cleaned out to				1940			

