

*0.385
1.254
Longitude 80° 35'*

I, the undersigned, hereby certify that this map is correct to the best of my knowledge and belief and shows all of the information required by paragraph 6 of the rules and regulations of the oil and gas section of the mining laws of West Virginia.

W. F. E. Mc...
E. F. E. Mc...

*Error in Closure - Less than 1 in 200'
Elev ref. - B.M. mouth of Beaverlin - 823'*

- Fracture
- New Location
- Drill Deeper
- Abandonment

Company CARNEGIE NATURAL GAS
 Address MUNHALL, PENNA.
 Farm CANSADA GLASPELL
 Tract _____ Acres 68 Lease No. E 10158-15
 Well (Farm) No. 1 Serial No. E 808
 Elevation (Spirit Level) 833'
 Quadrangle CENTERPOINT N.E. C
 County DODDRIDGE District McCLELLAN
 Engineer W. F. E. Mc...
 Engineer's Registration No. 1227
 File No. _____ Drawing No. _____
 Date OCT. 5, 1967 Scale 1" = 40 FEET

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

WELL LOCATION MAP
FILE NO. DOD-23-FRAC,
2395

- + 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.

"IMPERIAL" TRACING CLOTH
K & E CO., N. Y.



STATE OF WEST VIRGINIA
DEPARTMENT OF MINES
OIL AND GAS DIVISION

Rotary
Spudder
Cable Tools
Storage
Oil or Gas Well **GAS**
(KIND)

Centerpoint No. E.
Quadrangle

Permit No. Dod-23-frac.

WELL RECORD

Company	Carnegie Natural Gas Company	Casing and Tubing	Used in Drilling	Left in Well	Packers
Address	390 1/2 Main Street, Munhall, Pennsylvania	Size			
Farm	Cansada Glaspell Acres. 68	16			Kind of Packer
Location (waters)	Beverlin Fork	13			
Well No.	1-808 Elev. 853	10	15 1/4	15 1/4	Size of 5-3/16" x 6-5/8"
District	McClellan County Doddridge	8 1/4	1015	pulled	
The surface of tract is owned in fee by	Norman Carson	6 5/8	1780	1780	Depth set 2121
Rt. #2, Folsom Address W. Va.		5 3/16	2121	2121	
Mineral rights are owned by	Archie B. Lyons	4 1/2			Perf. top
P.O. Box 63 Address Folsom, W. Va.		3			Perf. bottom
Drilling commenced	April 8, 1918	2	2601	2601	
Drilling completed	July 19, 1918	Liners Used			Perf. top
Date Shot From To					Perf. bottom
With		Attach copy of cementing record.			
Open Flow /10ths Water in Inch		CASING CEMENTED SIZE No. Ft. Date			
30 /10ths Merc. in Inch		Amount of cement used (bags)			
Volume Cu. Ft.		Name of Service Co.			
Rock Pressure 225 lbs. 30 Min. hrs.		COAL WAS ENCOUNTERED AT 170 FEET 2 1/2 INCHES			
Oil bbls., 1st 24 hrs.		FEET INCHES FEET INCHES			
WELL ACIDIZED (DETAILS) No		FEET INCHES FEET INCHES			
WELL FRACTURED (DETAILS) No					

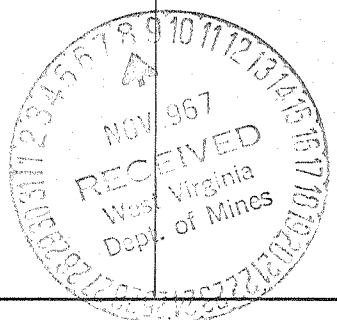
RESULT AFTER TREATMENT (Initial open Flow or bbls.) Not Treated

ROCK PRESSURE AFTER TREATMENT HOURS

Fresh Water Feet Salt Water Feet

Producing Sand Depth

Formation	Color	Hard or Soft	Top	Bottom	Oil, Gas or Water	Depth	Remarks
Attsburgh Coal			470	472			
ttle Dunkard			890	935			
g Dundard			1015	1040			
s Sand			1110	1130			
st Salt Sand			1200	1340			
nd Salt Sand			1430	1490			
xton Sand			1670	1678			
g Lime			1735	1809			
g Injun			1809	1923	gas	1822-1898'	
antz Sand			2100	2175			
0 Foot Sand			2300	2350			
0 Foot Sand			2400	2420			
rdon Stray			2555	2573			
rdon Sand			2586	2601	gas	2591'	
h Sand			2620	2628	gas	2620-2622'	
h Sand			2705	2730			
tal Depth				2735'			



Formation	Color	Hard or Soft	Top	Bottom	Oil, Gas or Water	Depth Found	Remarks

Date November 3, 1967

APPROVED CARNEGIE NATURAL GAS COMPANY, Owner

By EC Rafferty
Chief Engineer (Title)

MAR 21 1969

CARNEGIE NATURAL  COMPANY 3904 Main Street, Munhall, Pa.

Phone 402-7121

May 13, 1968

Mr. Elmer C. Workman, Director
Oil and Gas Division
Department of Mines
Charleston, West Virginia

Dear Sir:

FRACTURE RECORD

Well Name and Number: Cansada Glasspell 1-808

County: Doddridge

District: McClellan

Permit No.: DOD-23-FRAC

P.B. T.D.: 1950

Formation Fractured: Big Injun

Date Fractured: First treatment - 12-12-67 from 1876 to 1919
Second treatment - 3-26-68 from 1824 to 1838

Pipe: 1950' of 4.5" O.D. casing
Cemented with 30 sacks
23 perforations for first treatment
29 perforations for second treatment

Materials Used: First treatment - 892 bbls. water with 30,000# of 20/40 sand
Second treatment - 892 bbls. water with 40,000# of 20/40 sand

Open Flow before fracture: Show of gas.

Open Flow after fracture: 492 MCFD after first treatment
492 MCFD after second treatment

Rock Pressure after fracture: 540 PSI in 64 hours after first treatment.
325 PSI in 70 hours after second treatment.

Very truly yours,

CARNEGIE NATURAL GAS COMPANY


E. C. Laffey
Chief Engineer

RGL/ECL/mp
cc 3
File

THE LOW COST FUEL



DOD-23-FRAC