

- Fracture
- New Location.....
- Drill Deeper.....
- Abandonment.....

Elevation at Pisgah Church = 823'
 Error in Closure: - Less than 1 in 200

W. S. Haddock
 R. P. E. No. 122

Company CARNEGIE NATURAL GAS CO.
 Address Munhall, Penna.
 Farm Clyde R. Phillips, et al
 Tract _____ Acres 84.5 Lease No. 4789
 Well (Farm) No. One Serial No. 401
 Elevation (Spirit Level) 931
 Quadrangle Centerpoint - NC
 County Doddridge District McClellan
 Engineer W. S. Haddock
 Engineer's Registration No. 1227
 File No. _____ Drawing No. _____
 Date Oct. 28, 1965 Scale 1" = 300' = 495'

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

WELL LOCATION MAP
 FILE NO. DOD - 8 - FRAC 2385

+ 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.



STATE OF WEST VIRGINIA
DEPARTMENT OF MINES
OIL AND GAS DIVISION

1-28-66
673

Quadrangle CENTERPOINT N.E. 7

WELL RECORD

Permit No. DOD-8-FRAC

Oil or Gas Well Gas
(KIND)

Company Carnegie Natural Gas Company
Address 3904 Main Street, Minhall, Penna.
Farm W. B. Phillips Acres 86
Location (waters) Beverlin Fork
Well No. 1-401 Elev. 931
District McClellan County Doddridge
The surface of tract is owned in fee by _____
Address _____
Mineral rights are owned by _____
Address _____

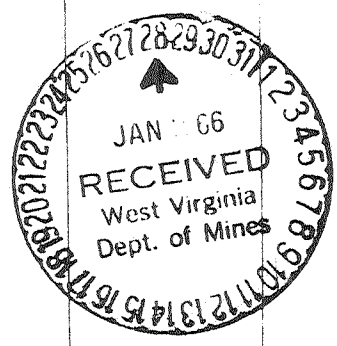
Casing and Tubing	Used in Drilling	Left in Well	Packers
Size			Kind of Packer
16			
13			Size of
10			
8 3/4			Depth set
6 3/4	1863'	1863'	
5 3/16			
3 4.50"	2102'	2102'	Perf. top <u>1948'</u>
2			Perf. bottom <u>1962'</u>
Liners Used			Perf. top _____
			Perf. bottom _____

Clean out _____
Drilling commenced September 28, 1965
Clean out & Fracture January 6, 1966
Date Shot _____ From _____ To _____
With _____
Open Flow _____ /10ths Water in _____ Inch
_____ /10ths Merc. in _____ Inch
Volume 21,000 Cu. Ft. Cu. Ft.
Rock Pressure _____ lbs. _____ hrs.
Oil _____ bbls., 1st 24 hrs.
WELL ACIDIZED _____
WELL FRACTURED 1-4-66

CASING CEMENTED 4.50" SIZE 300' No. Ft. 11-23-65 Date
COAL WAS ENCOUNTERED AT _____ FEET _____ INCHES
_____ FEET _____ INCHES _____ FEET _____ INCHES
_____ FEET _____ INCHES _____ FEET _____ INCHES

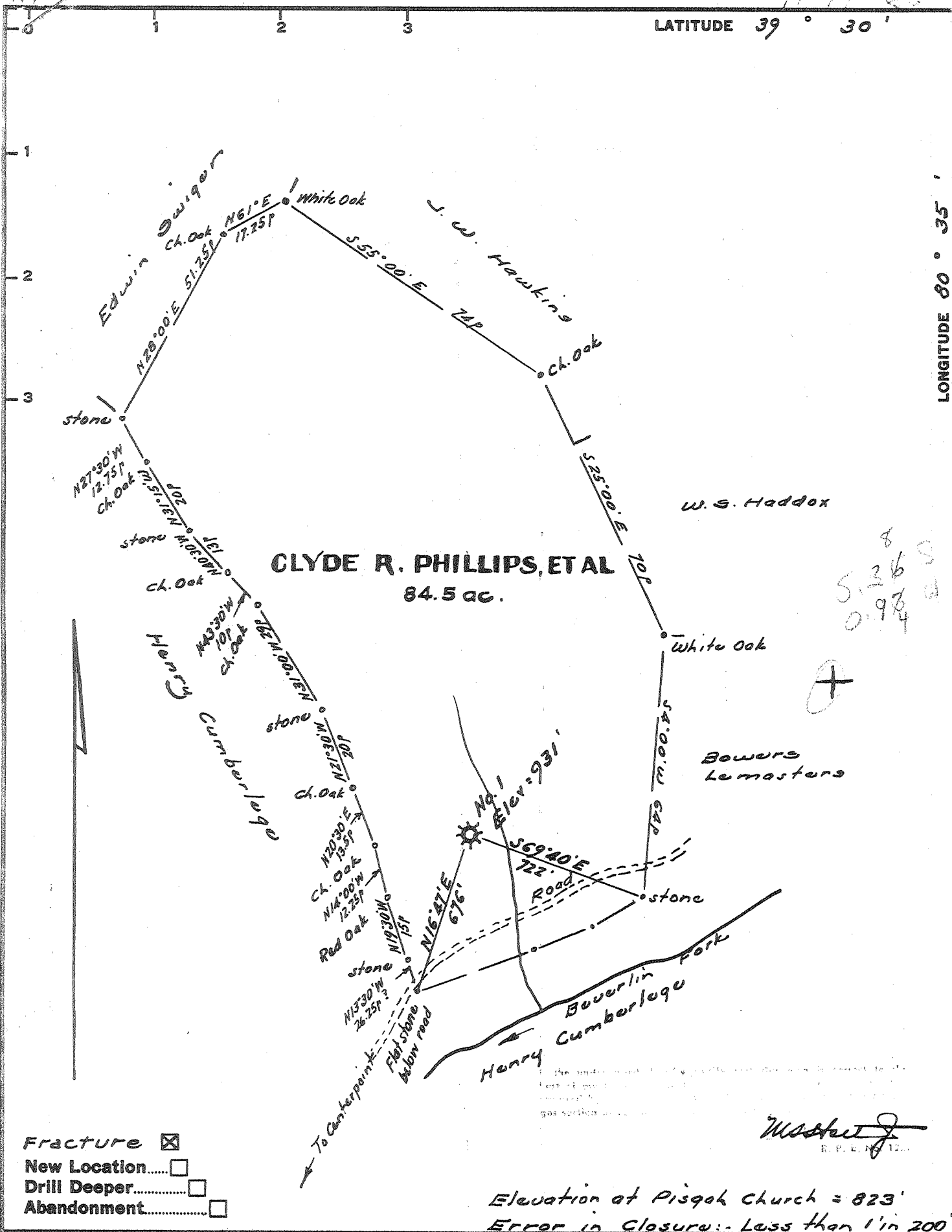
RESULT AFTER TREATMENT 1,200,000 Cu. Ft. = Big Injun
ROCK PRESSURE AFTER TREATMENT 359# in 72 hours.
Fresh Water _____ Feet _____ Salt Water _____ Feet

Formation	Color	Hard or Soft	Top	Bottom	Oil, Gas or Water	Depth	Remarks
Pittsburgh Coal			575	578			
Little Dunkard			955	1000			
1st Salt Sand			1315	1370			
2nd Salt Sand			1435	1485			
Maxton Sand			1544	1595			
Little Lime			1804	1819			
Pencil Cave			1819	1840			
Big Lime			1840	1919			
Big Injun			1919	2054			
Gantz Sand			2200	2305			
50 Foot Sand			2408	2448			
Gordon Stray			2638	2648			
Gordon Sand			2683	2695			
Total Depth				2885			
Set bridge at 2100' and filled with stone and cement to				2084			
Run 2084' of 4.50" OD tubing and cemented with 35 bags cement.							
Cleared out to 1980'				1980'			
Total Depth							



LATITUDE 39° 30'

LONGITUDE 80° 35'



8
5,36
0.974



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- Abandonment.....

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W. S. Haddock
R. P. E. N. 12.

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 Quadrangle Centerpoint - NC
 County Doddridge District McClellan
 Engineer W. S. Haddock
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 File No. _____ Drawing No. _____
 Date Oct. 28, 1965 Scale 1" = 30p = 495'

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 CHARLESTON

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STATE OF WEST VIRGINIA
DEPARTMENT OF MINES
OIL AND GAS DIVISION

1-28-66
WJ

Quadrangle CENTERPOINT N.E. 4

WELL RECORD

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(KIND)

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~~started~~ commenced September 28, 1965
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