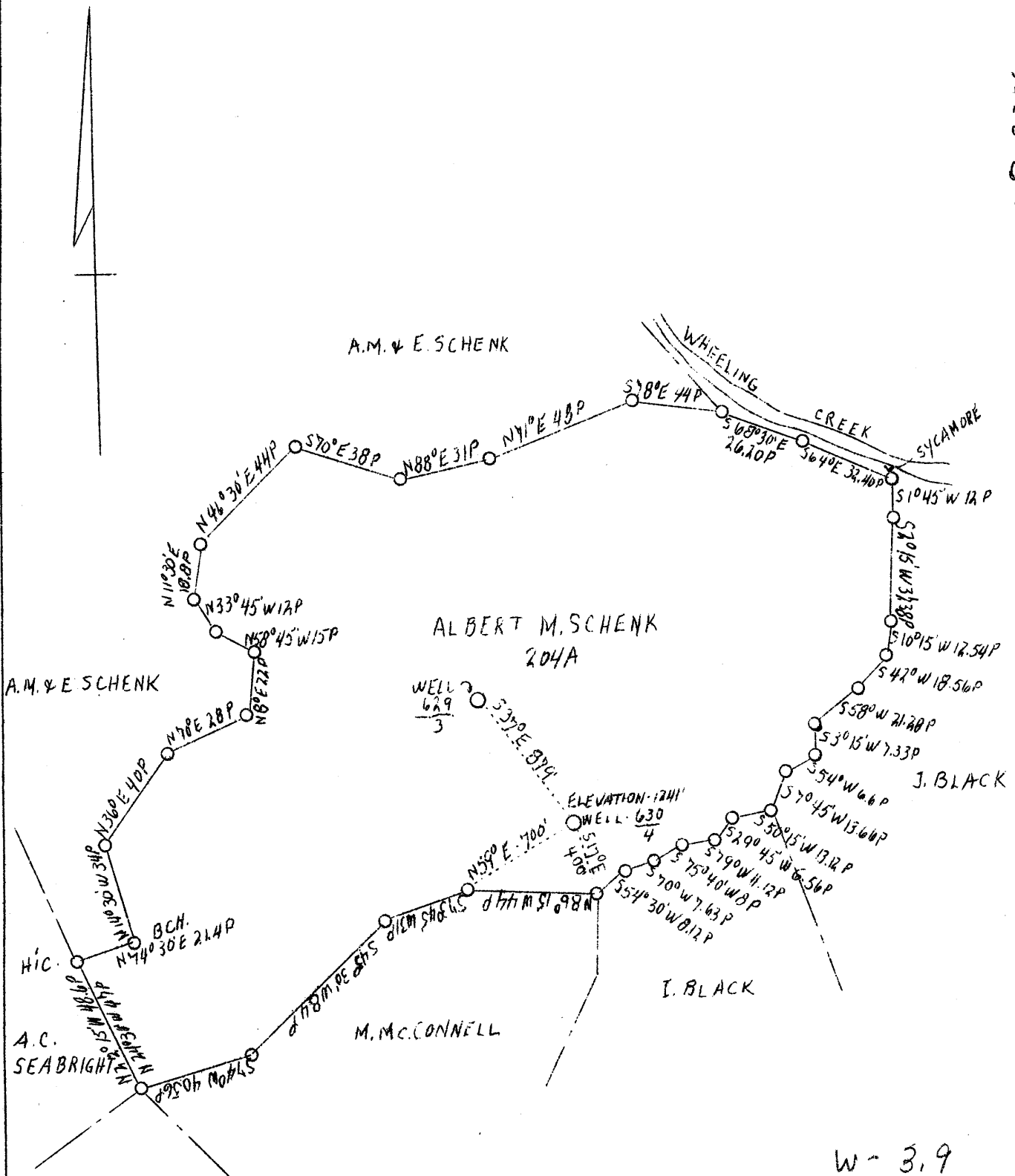


LATITUDE 40° 00'

LONGITUDE 80° 35'



W - 3.9
 0.18 S
 3.83 W
 S. .19

LORAIN COAL & DOCK OWNS COAL
 WELL 630 TO BE ADD.

Company Address	Natural Gas Co. of W. Va. 800 Union Trust Bldg., Pittsburgh, Pa.	STATE OF WEST VIRGINIA Department of Mines OIL & GAS DIVISION Charleston
Farm Tract	Albert M. Schenk One	WELL LOCATION MAP
Acres	204	
Lease No.	2778	File No. <u>Mars-90-A</u>
Well (Farm) No.	Four	x Denotes location of well on U. S. 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.
Serial No.	N-630	
Elevation (SL)	1241'	
Quadrangle	Cameron N. W. 1/4 N.C.1	
County	Marshall	
District	Union	
Engineer	W. E. Kaye	
Eng. Reg. No.	-	
Drawing No.	Y-8-166	
Date	12/2/38 - Scale 1" - 800'	

STATE OF WEST VIRGINIA
DEPARTMENT OF MINES
OIL AND GAS DIVISION

153

WELL RECORD

Permit No. MARS 90A

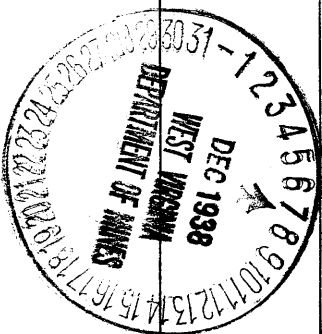
Oil or Gas Well Gas
(Kind)

Company Natural Gas Company of W. Va.
Address 800 Union Trust Bldg., Pittsburgh, Pa.
Farm A. M. & E. Schenk Acres 202
Location (waters) _____
Well No. 4 - 630 Elev. 1241 ft.
District Union County Marshall
The surface of tract is owned in fee by Albert M Schenk Est
Box 506 Address Wheeling, W. Va.
Mineral rights are owned by Natural Gas Company of
West Virginia Address Pittsburgh, Pa.
Drilling commenced 12/20/24 12/26/28
Drilling completed 2/2/25 1/23/29
Date shot _____ Depth of shot _____
Open Flow /10ths Water in _____ Inch
12/10ths Merc. in 2 Inch
Volume _____ Cu. Ft.
Rock Pressure 60# - 300# lbs. _____ hrs.
Oil _____ bbls., 1st 24 hrs.
Fresh water _____ feet _____ feet
Salt water _____ feet _____ feet

Casing and Tubing	Used in Drilling	Left in Well	Packers
Size			
16			Kind of Packer
13			
10	168'	168'	Size of
8 1/4	883'	883'	
6 5/8	1367'	1367'	Depth set
5 3/16			
3			Perf. top
2			Perf. bottom
Liners Used			Perf. top
			Perf. bottom

CASING CEMENTED _____ SIZE _____ No. FT. _____ Date _____
COAL WAS ENCOUNTERED AT 610 FEET 72 INCHES
_____ FEET _____ INCHES FEET _____ INCHES
_____ FEET _____ INCHES FEET _____ INCHES

Formation	Color	Hard or Soft	Top	Bottom	Oil Gas or Water	Depth Found	Remarks
Pittsburgh Coal			610	616			
Murphy Sand			695	725			
Slate & Shell			725	874			
Water				870			
Cow Run Sand			874	890			
Total depth				890			Well was not drilled into oil pay which lies directly under the gas pay. Well shut in in 8 1/4" casing.
Sand			890	926			
Slate			926	1006			
Slate & Sand			1006	1470			
Salt Sand			1470	1476			
Gas			1471	1476			
Total depth				1476			



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

Date December 6th, 1938

APPROVED NATURAL GAS COMPANY OF WEST VA., Owner

By Harry H. Fowler
 Land Dept. (Title) Office Manager.

90A

Union District, Marshall County, W. Va.

By Natural Gas Co. of W. Va., 800 Union Trust Bldg., Pittsburgh, Pa.

Abandoned under permit Mars-.....

On 202 acres,

Elevation, 1241' L.

Surface owned by Albert M. Schenk Estate, Box 506, Wheeling, W. Va.,

and minerals by Natural Gas Co. of W. Va., Pittsburgh, Pa.

Drilling commenced Dec. 20, 1924; completed, Feb. 2, 1925 (to 890').

Drilling deeper commenced Dec. 25, 1928; completed, Jan. 23, 1929.

Open flow, 12/10ths Merc. in 2".

Rock pressure, 60 lbs., and 300 lbs.

10" casing, 168'; 8 $\frac{1}{4}$ ", 883'; 6-5/8", 1367'.

Gas well. Abandonment reported to Dept. of Mines Dec. 6, 1938.

Record to RCT from Mrs. Griffith Jan. 16, 1939.

	Top.	Bottom.
Pittsburgh Coal	610	- 616
Murphy Sand	695	- 725
Slate and shell (water, 870')	725	- 874
Cow Run Sand	874	- 890
Total depth		890

(Well was not drilled into oil pay
which lies directly under the gas pay.

Well shut in in 8 $\frac{1}{2}$ " casing).

DEEPEMED:

Sand	890	- 926
Slate	926	- 1006
Slate and sand	1006	- 1470
Salt Sand (gas, 1471-1476')	1470	- 1476
Total depth		1476