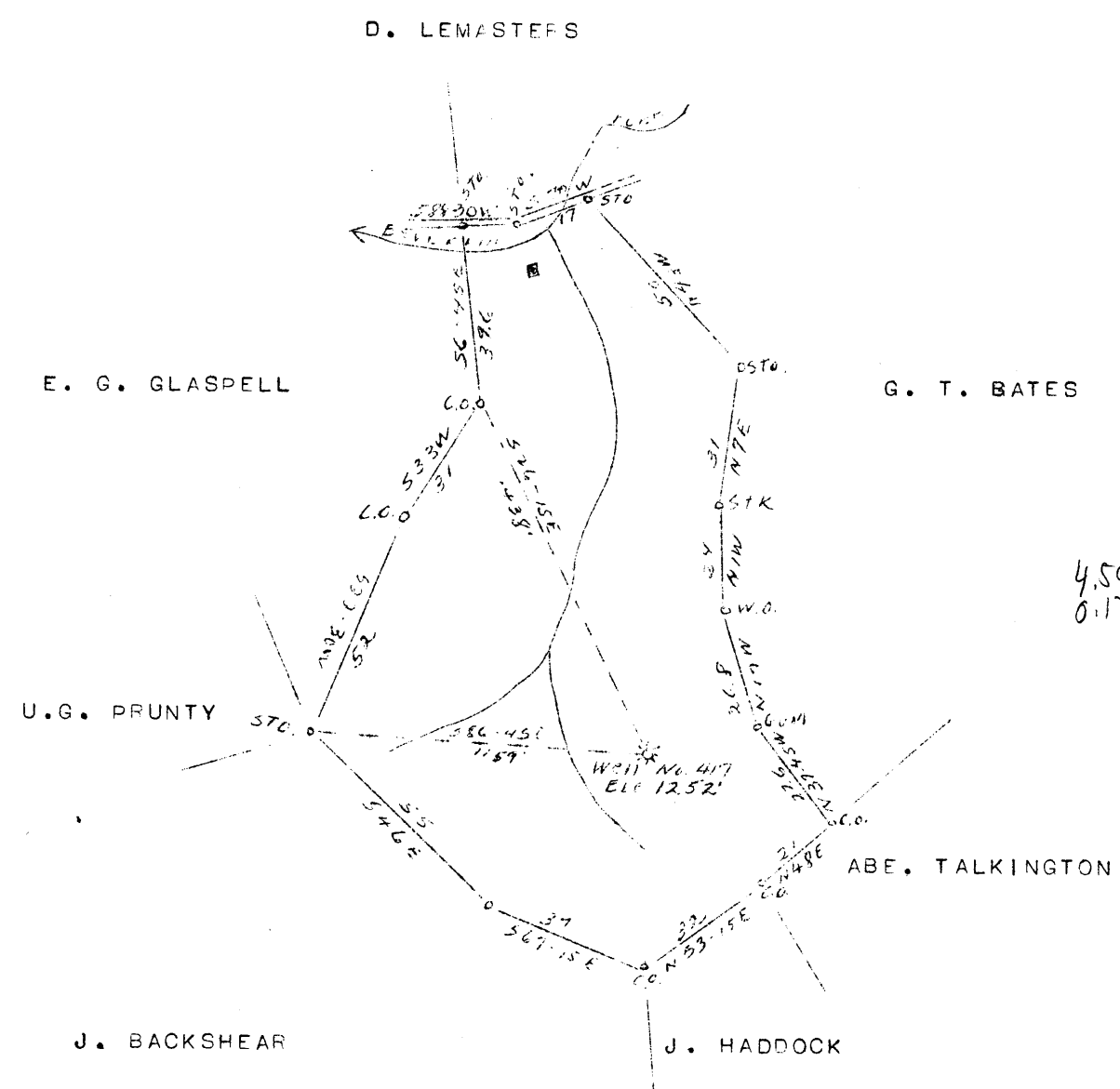


M

LATITUDE 39° 30'

LONGITUDE 80° 35'



NEW LOCATION
DRILL DEEPER
ABANDONMENT X

COMPANY CARNEGIE NATURAL GAS CO.
 ADDRESS PITTSBURGH, PA.
 FARM STELLA SMITH
 TRACT _____ ACRES 70 LEASE NO. E-7620
 WELL (FARM) NO. ONE SERIAL NO. E-417
 ELEVATION (SPIRIT LEVEL) 1252'
 QUADRANGLE CENTERPOINT N.E.
 COUNTY DODDGE DIST. MC CLELLAN
 ENGINEER P. L. SWEENEY
 ENGINEER'S REGISTRATION NO. _____
 FILE NO. _____ DRAWING NO. _____
 DATE 3/15/46 SCALE 1" 40 = 660'

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

WELL LOCATION MAP
 FILE NO. DOD 513 A

+ 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

420

WELL RECORD

Permit No. 513-A

WELL TO BE ABANDONED

Oil or Gas Well GAS
(KIND)

Company CARNEGIE NATURAL GAS COMPANY
Address 1015 Frick Bldg. PITTSBURGH, PA.
Farm STELLA SMITH Acres 70
Location (waters) Bovarlin Fork
Well No. 417 Elev. 1252'
District McCIELLAN County DODDRIDGE
The surface of tract is owned in fee by STELLA SMITH
R.D. 2 Address FOLSOM, W. VA.
Mineral rights are owned by STELLA SMITH
R.D. 2 Address FOLSOM, W. VA.
Drilling commenced 11-25-13
Drilling completed 2-12-14
Date Shot From To
With
Open Flow 30 /10ths Water in 2 Inch
30 /10ths Merc. in 2 Inch
Volume 231 Cu. Ft.
Rock Pressure 170 lbs. hrs.
Oil 231 bbls., 1st 24 hrs.
Fresh water 231 feet
Salt water 231 feet

Casing and Tubing	Used in Drilling	Left in Well	Packers
Size			
16			Kind of Packer
18			
10	<u>163'</u>	<u>None</u>	Size of
8 1/4	<u>1310'</u>	<u>None</u>	
6 3/8	<u>2191'</u>	<u>2191'</u>	Depth set
5 3/16			
3			Perf. top
2			Perf. bottom
Liners Used			Perf. top
			Perf. bottom

CASING CEMENTED 231 SIZE 2 1/2 No. Ft. 231 Date 2-12-14
COAL WAS ENCOUNTERED AT 895 FEET 0 INCHES
0 FEET 0 INCHES FEET 0 INCHES
0 FEET 0 INCHES FEET 0 INCHES

Formation	Color	Hard or Soft	Top	Bottom	Oil, Gas or Water	Depth Found	Remarks
Pittsburgh Coal			895	900			
Little Dunkard			1305	1315			
Gas Sand			1590	1625			
1st Salt Sand			1830	1870			
2nd Salt Sand			1920	1972			
Little Lime			2170	2176			
Pencil Cave			2176	2180			
Big Lime			2180	2248			
Big Injun			2248	2375	Gas	2335-2346'	
TOTAL DEPTH				2384'			



