

COAL OWNED BY _____

NEW LOCATION...

DRILL DEEPER...

ABANDONMENT...

NOTE — Cora Lewis deed can not be plotted; bearings and distances shown are composite of adjoining descriptions, except North line which is shown as fenced on ground.

COMPANY Cumberland and Allegheny Gas Co.

ADDRESS 800 Union Trust Bldg. Pittsburgh, Pa.

FARM Cora E. Lewis

TRACT _____ ACRES 117 LEASE NO. C-7677

WELL (FARM) NO. 4 SERIAL NO. 480

ELEVATION (SPIRIT LEVEL) 2239'

QUADRANGLE Hingwood N.E.

COUNTY Preston DISTRICT Portland

ENGINEER John C. Snyder

ENGINEER'S REGISTRATION NO. _____

FILE NO. _____ DRAWING NO. Y-13-634

DATE Feb. 8, 1952 SCALE 1"=800'

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

WELL LOCATION MAP

FILE NO. PRE-33

+ 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.

5-5-60
Deep Well



STATE OF WEST VIRGINIA
DEPARTMENT OF MINES
OIL AND GAS DIVISION

WELL RECORD

Oil or Gas Well _____
(KIND)

Permit No. PRES-33

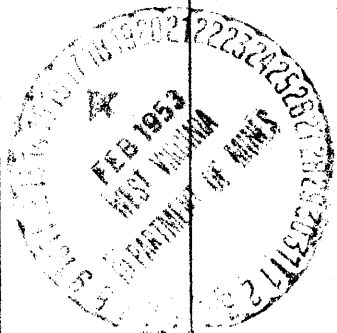
Company CUMBERLAND AND ALLEGHENY GAS COMPANY
Address 800 Union Trust Bldg., Pgh., Penna.
Farm Cora E. Lewis Acres 117
Location (waters) _____
Well No. 460 Elev. 2239'
District Portland County Preston
The surface of tract is owned in fee by Cora E. Lewis
D. #3, Terra Alta, W. Va.
The Mineral Rights are owned by Cora E. Lewis
D. #3, Terra Alta, West Virginia
Drilling commenced April 4, 1952
Drilling completed December 31, 1952
Date Shot _____ From _____ To _____
With _____

Casing and Tubing	Used in Drilling	Left in Well	Packers
Size			Kind of Packer
16			
13	21'8"	21'8"	
10	408'7"	408'7"	Size of
8 1/2	2013'3"	2013'3"	
7"	5240'7"	5240'7"	Depth set
3			Perf. top
2			Perf. bottom
Liners Used			Perf. top
			Perf. bottom

Open Flow 40 10ths Water in two Inch
/10ths Merc. in _____ Inch
Volume 198,312 Cu. Ft.
Rock Pressure 1060 lbs. 48 hrs.
Oil _____ bbls., 1st 24 hrs.
Fresh water _____ feet _____ feet
Salt water _____ feet _____ feet

CASING CEMENTED _____ SIZE _____ No. Ft. _____ Date _____
COAL WAS ENCOUNTERED AT _____ FEET _____ INCHES
_____ FEET _____ INCHES FEET _____ INCHES
_____ FEET _____ INCHES FEET _____ INCHES

Formation	Color	Hard or Soft	Top	Bottom	Oil, Gas or Water	Depth Found	Remarks
Clay			0	10			
Lime			10	180	Water at 180', 1/2 bailer per hour		
Lime			197	840	Water at 270', 2 bailers per hour		
Lime & Slate			840	1295	Water at 360', 10 bailers per hour		
Lime			1295	1395			
Lime & Benson Sand			1395	1435			
Lime			1435	1470			
Slate			1470	1508			
Broken Lime			1508	2013			
Lime			2013	2410			
Lime			2410	2470			
Lime & Slate			2470	2865			
Lime			2865	2875			
Broken Lime			2878	2915			
Lime			2915	2935			
Lime & Slate			2935	3300			
Lime			3300	3375			
Lime & Slate			3375	3402			
Lime			3202	3445			
Lime & Slate			3445	3942			
Brown Shale			3942	4085			
Lime			4085	4105			
Shale			4105	4115			
Shale			4115	4212			
Lime			4212	4250			
Shale			4250	4460			
Shale			4460	4500			
Shale			4500	4549			
Lime			4549	4564			
Shale			4564	4666			
Tully Lime			4666	4695			
Shale			4695	4890			
Lime			4890	4905			
Shale			4905	5081			
Lime			5081	5237			
Brown Break			5237	5226			
Lime			5226	5248			
Chert Sand			5248	5363			



Faulted Section

Samples
28K
Exam by
McClain

5226
2239
2987

5137

Top Onondaga at
5226 Samples
McClain

(Over)

5226
2239
2987

Formation	Depth	Soft	Top	Bottom	Feet of Water	Feet Found	Remarks
Shale Break	65		5363	5428			
Chert Sand	40		5428	5468			
Onondago Lime			5468	5485			
Chert Sand			5485	5629			
Shale Break	51		5629	5680			
Oriskany Sand			5680	5820			
Hiddleberg Lime			5820	5822			
Total Depth			5822				

Water $\frac{1}{2}$ Bailer in 24 hours

Well acidized with 1000 Gallons Acid--Gas tested 4 10W-2" 24 hours after acidizing

5468	5680
2239	2239
<hr/>	<hr/>
-3 229	-3 441

5820
2239
<hr/>
3581

Date February 13, 1951, 19

APPROVED CUMBERLAND AND ALLEGHENY GAS CO.

By Paul Cooper
(Title) Land Agent