

$\frac{1005.75' \times 15'}{31^{\circ} 32' 30'' \cdot 598} = 3.4775'$
 $81^{\circ} 35' \cdot 31W \cdot 31'$
 ack

New Location
 Drill Deeper
 Abandonment issued 10-27-71

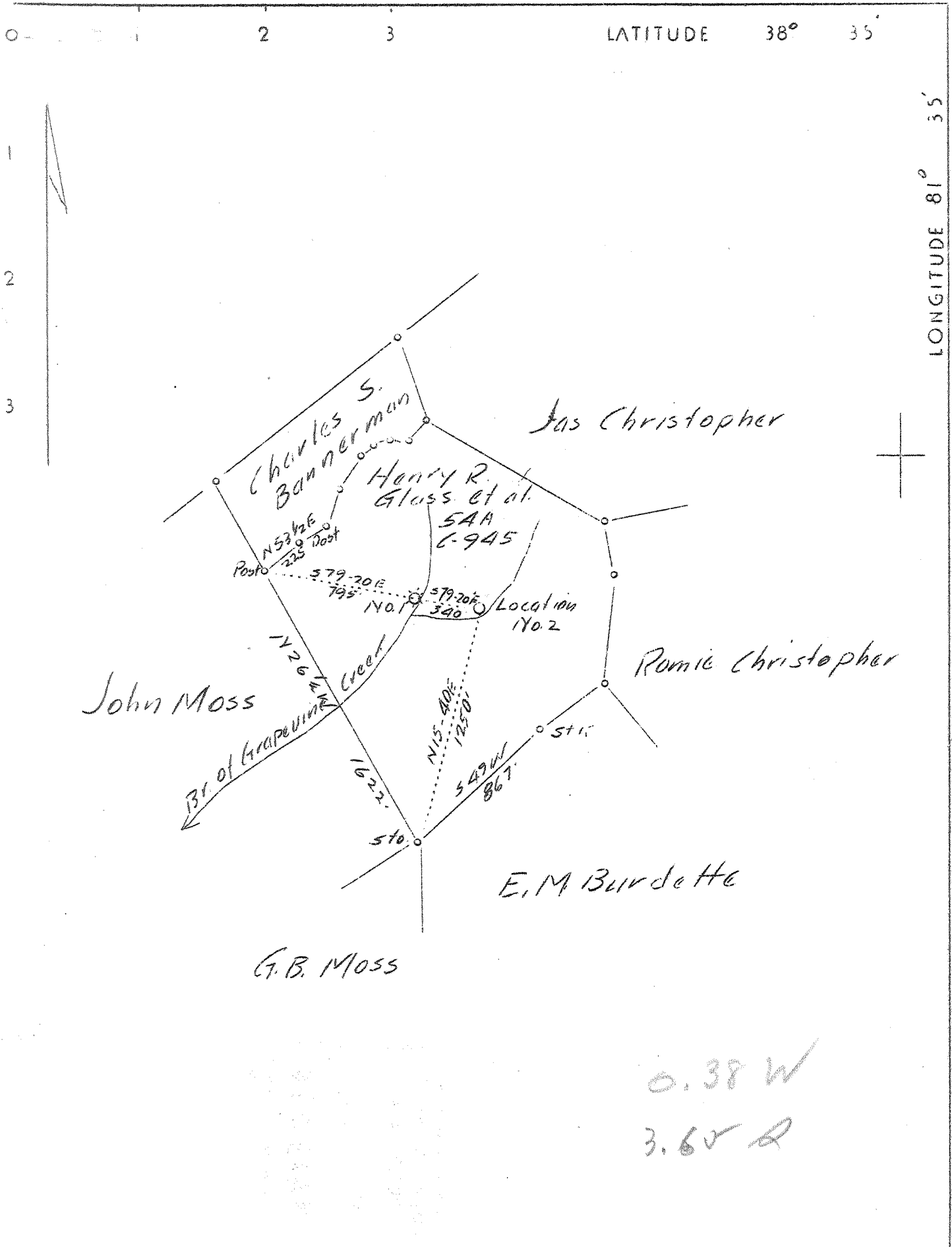
Company	Cities Service Oil Co.
Address	873 BOX 1236 - CHARLESTON - W. VA., 25323
Farm	HENRY R. GLASS, ET AL
Tract	Acres 54 Lease No. C-945
Well (Farm) No.	A-2 Serial No. GW-704
Elevation (Spirit Level)	840.0
Quadrangle	KENNA-54E. 2
County	KANAWHA District POCA
Engineer	James N. Sell
Engineer's Registration No.	772
File No.	Drawing No.
Date	7-27-37 Scale 1" = 660'

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

WELL LOCATION MAP
 FILE NO. KAN-435-P

+ 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.



Company	Columbian Carbon Co.
Address	Box 1240, Charleston, W. Va.
Farm	Henry R. Glass et al
Tract	Acres 54 Lease No. C-945
Well (Farm) No.	2 Serial No.
Elevation (Spirit Level)	840
Quadrangle	Kenna
County	Kanawha District Pocahontas
Engineer	James N. Sell
Engineer's Registration No.	772
File No.	Drawing No.
Date	7-27-37 Scale 1"=660'

STATE OF WEST VIRGINIA
 Department of Mines
 OIL AND GAS DIVISION
 CHARLESTON

WELL LOCATION MAP
 File No. KAN-435-D

+ 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.

WEST VIRGINIA DEPARTMENT OF MINES

OIL AND GAS DIVISION

WELL RECORD

Permit No. Kan-435

Gas Well

Kenna Quad.

CASING & TUBING

Company	Columbian Carbon	14"	43'	43'
Address	Box 1240, Charleston, W.Va.	10 $\frac{3}{4}$ "	484'	484'
Farm	Henry R. Glass, Acres 54	8 5/8"	1840'11"	1840'11"
Location	Br. of Grapevine Creek	6 5/8"	4915'7"	4915'7"
Well No.	2 (GW-404) Elev. 851.4			
District	Poca County Kanawha			Shut in on casing.
Surface	Cephus Jackson, Sissonville, W.Va.			
Oil & Gas	Henry Glass, et al (Contact Columbian Carbon Co. for addresses)			
Drilling	Commenced Aug. 21, 1937			
	Completed Nov. 20, 1937			
Volume	13,200,000 Cu. Ft.			
Rock Press.	1640 #			
Oil	1175 # Show			

Formation Color	H ₂ O	Top	Base	Result	Formation Color	H ₂ O	Top	Base	Result
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Red Rock		0	15							
Slate		15	80	Water	CEMENT RECORD: 8-27-37- Ran 30 sacks Alpha Cement in 10 $\frac{3}{4}$ " Plug stopped 470'. Left 10' cement in pipe. 9-23-37 Ran 125 sacks Alpha cement- 8 5/8" 80 Sacks mixed with 2% Aquagel-balance neat on bottom. 4 sacks Aquagel ahead of cement. (Lee Smart & J. Stewart, Cementers-Halliburton Oil Well Cementing Co.) 11-5-37- Ran 25 sacks Alpha cement in 6 5/8 " casing. 9' spacer ran below top plug. 80' cement left in pipe. (Lee Smart, Cementer, Halliburton Oil Well Cementing Co.)					
Sand	White	80	100	35'						
Slate	Blue	100	123	2 Blrs.						
Red Rock		123	130	pr.hr.						
Slate		130	170							
Red Rock		170	180							
Slate		180	200							
Red Rock		200	260							
Slate		260	290							
Sand		290	310							
Slate		310	320							
Sand		320	334							
Red Rock		334	348							
Slate		348	375							
Red Rock		375	385							
Slate		385	412	Water						
Sand		412	450	1190'						
Slate		450	501	2 blrs.						
Sand		501	560	pr.hr.						
Slate		560	574							
Sand		574	672	Water						
Slate		672	700	1200'						
Sand		700	759	HFW						
Slate		759	815							
Lime		815	840							
Sand		840	865							
Slate		865	938							
Sand		938	975							
Slate		975	1069							
Salt Sand		1069	1545	Oil						
Slate		1545	1563	Show						
Little Lime		1563	1588	1175'						
Pencil Cave		1588	1593							
Big Lime		1593	1753	Water						
Injun Sand		1753	1803	1190'						
Slate & Shells		1803	2196	2 Blr. pr.hr.						
Berea Shell		2196	2200							
Slate & Shells		2200	3420	Sh. Gas						
Shale	Brown	3420	3450	1692'						
Slate & Shells		3450	3715							
Shale		3715	4059							
Slate		4059	4418							
Shale		4418	4870	SLM						
Corniferous		4870	4983							
Oriskany		4983	4996	Gas Pay						
		4996		4987-96						
TOTAL DEPTH	(Sand Line Meas.)	4996								

WEST VIRGINIA DEPARTMENT OF MINES
OIL & GAS DIVISION
W E L L R E C O R D

Permit No. Kan-435-D
- Quad.

Gas Well

Company	Columbian Carbon Co.
Address	Box 1240, Charleston, W. Va.
Farm	Henry R. Glass ACRE 54
Location	Branch of Grapevine Creek
Well No.	2 (CW-404) ELEV. 851.4 DF
District	Poca - Kanawha County
Surface	Cephus Jackson, Sissonville, W. Va.
Mineral	Henry R. Glass, et al, 1/2 Columbian Carbon
Deepening commenced	May 14, 1940
Deepening completed	May 19, 1940
Shot	Hot shot
Volume	6,970,000 c.f.
Rock Pressure	720 lbs. 91 hrs.
Water	-

CASING & LINDING
2-3/8 5075'7" 5075'7"
No packer

Oriskany	4983	
Old Total depth		4996

DRILLED DEEPER RECORD:

Oriskany	4996	5063
Lime <i>bed</i>	5063	5067
New total depth		5067