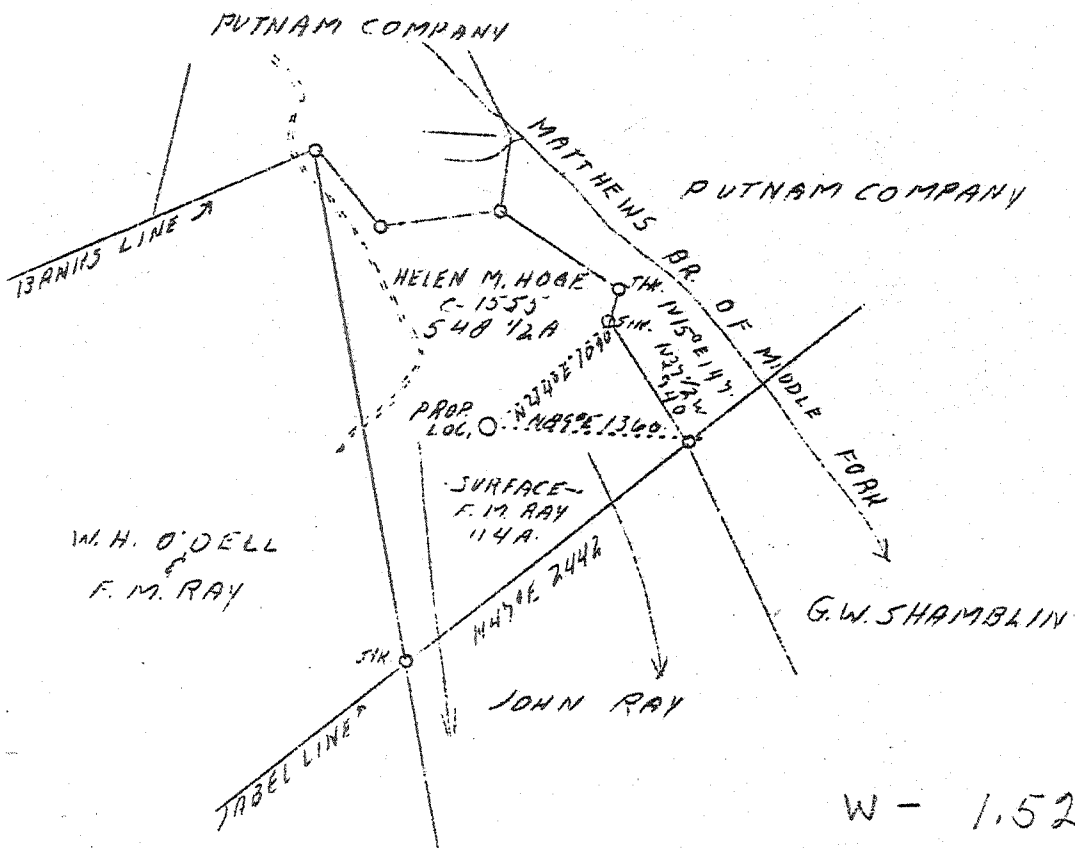


LATITUDE + 38° 35'

LONGITUDE 81° 35'



W - 1.52
S - 0.24

Permit Issued: 9-19-39.

New location

1.6 MILES N.E. OF LOOP

Sheet # 3

Company	Columbian Carbon Co.
Address	Box 1240, Charleston, W. Va.
Farm	Helen M. Hoge
Acres	548-1/2
Lease No.	C-1555
Well (Farm) No.	1
Elevation (SL)	994.1
Quadrangle	Kenna S. A.
County	Jackson
District	Washington
Engineer	James N. Sell
Eng. Reg. No.	772
Date	Sept. 1, 1939
Scale	1" = 1320'

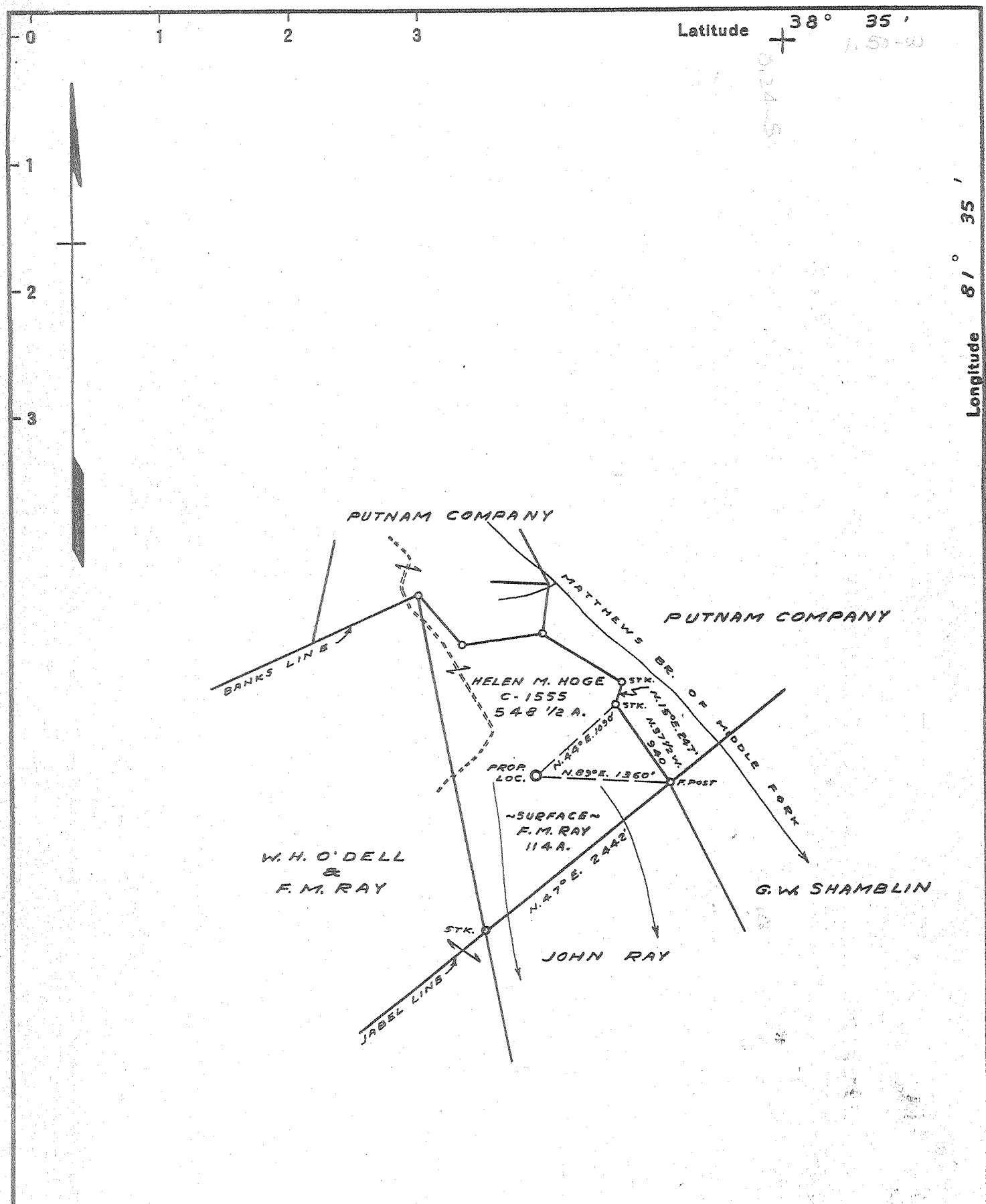
STATE OF WEST VIRGINIA
Department of Mines
OIL & GAS DIVISION
Charleston

WELL LOCATION MAP

File No. 100-55

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.



New Location
 Drill Deeper
 Abandonment *issued 5-14-69*

1.6 MILES N.E. OF LOOP

B-17
P-49

CITIES SERVICE OIL CO.	
Company	COLUMBIAN CARBON CO.
Address	BOX <u>873</u> - CHARLESTON - W.VA.
Farm	HELEN M. HOGE
Tract	Acres <u>548 1/2</u> Lease No. <u>C-1555</u>
Well (Farm) No.	<u>1</u> Serial No. <u>GW-438</u>
Elevation (Spirit Level)	<u>994.1</u>
Quadrangle	<u>KENNA S.E. 3C</u>
County	<u>JACKSON</u> District <u>WASHINGTON</u>
Engineer	<u>James N. Sell</u>
Engineer's Registration No.	<u>772</u>
File No.	_____ Drawing No. _____
Date	<u>SEPT. 1, 1939</u> Scale <u>1" = 1320'</u>

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

WELL LOCATION MAP
FILE NO. JAC-55-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.

MAY 27 1969

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

Permit No. Jac-55
Kenna Quad.

Gas Well

CASING & TUBING

Company	Columbian Carbon Co.	14	20	20
Address	Box 1240, Charleston, W. Va.	10-3/5	922-1	0
Farm	Helen M. Hoge ACRES -	8-5/8	2164-11	2164-11
Location	Mathews Br. of Middle Fork	7 24#	4519-3	4519-3
Well No.	1 (GW-438) ELEV. 998.3 DF	7 22#	700	700
District	Washington - Jackson County			
Surface	Myron C. Ray, Sissonville, W. Va.			
Mineral	Helen Hoge, et al, R#L, Ramsey, N. Y.			
Commenced	Sept. 21, 1939			
Completed	Jan. 7, 1940			
Shot	Not shot			
Volume	15,059,000 c.f.			
Rock Pressure	1540 lbs. 4 days			
Oil	1545 - Show			
Fresh Water	1265' 1-9" Bailer per hr.			
Salt Water	1575' 3 1/2-9" " " "			
	1658' HFW			

Sand	0	80
Slate	80	100
Red Rock	100	220
Lime Shell	220	240
Slate & Red Rock	240	310
Slate	310	440
Lime	440	470
Sand	470	550
Red Rock	550	560
Lime	560	590
Slate&Red Rock	590	650
Lime Shell	650	750
Slate	750	765
Red Rock	765	777
Slate	777	815
Red Rock	815	830
Slate&Shells	830	932
Sand	932	1040
Slate	1040	1145
Sand	1145	1235
Lime Shells	1235	1250
Sand	1250	1280
Slate	1280	1304
Sand	1304	1325
Slate&Shells	1325	1540
Salt Sand	1540	1880
Slate	1880	1885
Sand	1885	1890
Lime	1890	1902
Slate	1902	1905
Big Lime	1905	2066
Big Injun Sand	2066	2110
Slate&Shells	2110	2532
Brown Shale	2532	2537
Berea	2537	2544
Slate&Shells	2544	4210
Brown Shale - 44'	4210	4381
White Slate	4381	4783
Shale	4783	5171
Corniferous - 44' SLM	5171	5281
Oriskany	5281	5299
Total Depth		5299

CEMENT RECORD:

11/5/38 Cemented 8-5/8 casing. Ran 98 sacks Alpha cement mixed with 2% Aquagel. 6 Sacks Aquagel circulated ahead of cement. Plug on top of Aquagel. 10' spacer - cement plug on top cement. 25' solid cement. Dallas Holley, Cementer - Halliburton Oil Well Cementing Company.

12/30/39 Cemented 7" casing. Ran 25 sacks Alpha cement. Ran 10' spacer ahead of cement and top plug on top cement. 39' cement in hole. Dallas Holley, Cementer - Halliburton Oil Well Cementing Co.

W 1265 - 1 - 9" bailer per hr.

Sh.Oil 1545

W 1575 - 3 1/2 - 9" bailer per hr.

HFW 1658

SLM Pay: 5284-5299

*Record continued
on next 2 sheets*

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

Permit No. Jac-55-D

Gas Well

Kenna SE Quad

Company

Columbian Carbon Company

Casing & Tubing

Address

Box 1240, Charleston, W. Va.

2-3/8 5355'4" 5355'4"

Farm

Helen M. Hoge

Location

Mathews Branch of Middle Fork

Well No-

1 (GW-438) Elev. 998.3

District

Washington Jackson County

Surface

~~Myron C. Ray, Sissonville, W. Va.~~

Mineral

Helen Hoge, et al., R.D.#1, Ramsay, N.J.

Commenced Deeper

7-29-41

Completed Deeper

7-31-41

Volume

5,512M

Rock Pressure

775 lbs 1² hrs.

Oriskany 5281 5299
Old Total Depth 5299
Drilled Deeper 7-29-41 to 8-2-41

Oriskany 5299 5308 S.L.M.
New Total Depth 5308 S.L.M. New Deepened Pay: 5299-5304

*record continued
on next sheet*

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

Permit No. Jac-55-D		Gas Well
Company	Columbian Carbon Company	CASING & TUBING
Address	Box 873, Charleston, W.Va.	
Farm	Helen M. Hoge Acres 548 $\frac{1}{2}$	2 3/8 63'4 63'4
Location	Mathews Branch of Middle Fork	
Well No	1 (G.W. 438) Elev. 998.3 D.F.	
District	Washington Jackson County	
Surface	Myron C. Ray, Sissonville, W.Va.	
Mineral	Helen Hoge et al, R.D. #1, Ramsey, N.J.	
Commenced	7-24-42	
Completed	7-29-42	
Not shot		
Volume	1,641 M.C.F.	
Rock Pressure	335 lbs. 48 hrs.	

Oriskany Sand	5281	Per sample examination
Old Total Depth	5308	SLM

Drilled deeper 7-24-42 to 7-29-42

Oriskany Sand	5308	SLM	5339	
✓ Lime	5339		5354	
Oriskany Sand	5354		5371	
Lime	5371		5373	SLM
New Total Depth			5373	SLM

No deepened pays

1,641 MCF FROM OLD ZONE?

Then: DRILL DEEPER = DRV