

New Location   
 Drill Deeper   
 Abandonment

issued 10/13/72

OGIS 7.5' *bx*      15'  
 38° 32' 30" 2.735      5.615  
 81° 32' 30" 1.460      3.710

Company CITIES SERVICE OIL CO.  
~~COLUMBIAN CARBON CO.~~  
 Address 873 BOX 1240 CHARLESTON - W.VA. 25323  
 Farm JOSEPH HUGHART  
 Tract \_\_\_\_\_ Acres 138 Lease No. C-812  
 Well (Farm) No. B-1 Serial No. GW-449  
 Elevation (Spirit Level) 902.5  
 Quadrangle KENNA - S.E. / Romance 25  
 County KANAWHA District POCA  
 Engineer J. McCall  
 Engineer's Registration No. 772  
 File No. \_\_\_\_\_ Drawing No. \_\_\_\_\_  
 Date FEB. 6, 1940 Scale 1" = 1920'

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

WELL LOCATION MAP  
 FILE NO. KAN-684-P

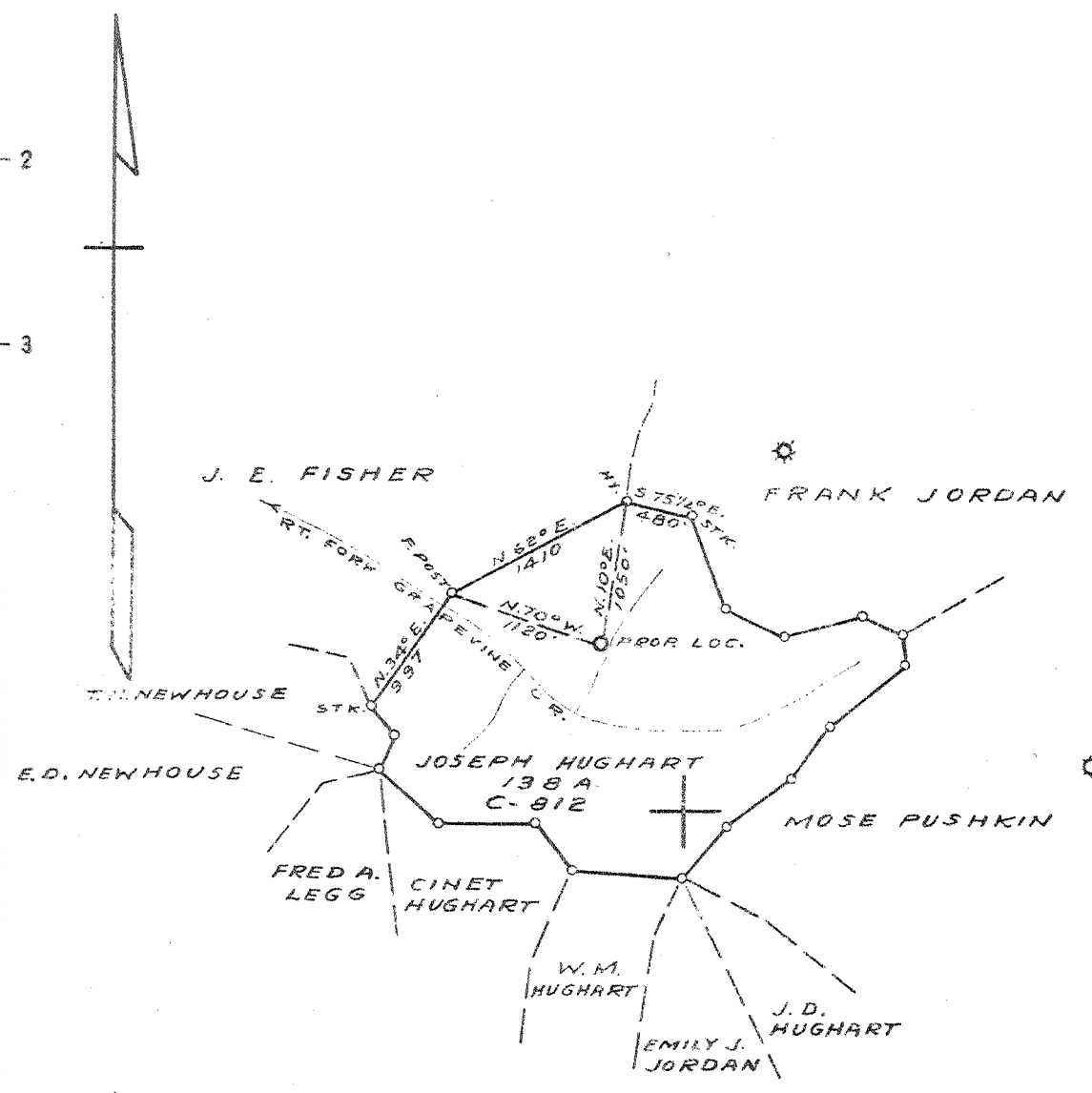
+ Denotes location of well on United States Topographic Maps, scale 1 to 62,500, latitude and longitude lines being represented by border lines as shown.

- Denotes one inch spaces on border line of original tracing.

P

Latitude 38 35

Longitude 81 30



3.96 W  
5.76 S

- New Location  X
- Drill Deeper
- Abandonment

P. 455 7 SW (1-5)

Company COLUMBIAN CARBON CO.  
 Address BOX 1240 - CHARLESTON - W.VA.  
 Farm JOSEPH HUGHART  
 Tract \_\_\_\_\_ Acres 138 Lease No. C-812  
 Well (Farm) No. 1 Serial No. \_\_\_\_\_  
 Elevation (Spirit Level) 902.5  
 Quadrangle KENNA - S. E.  
 County KANAWHA District POCA  
 Engineer J. McCall  
 Engineer's Registration No. 772  
 File No. \_\_\_\_\_ Drawing No. \_\_\_\_\_  
 Date FEB. 6, 1940 Scale 1" = 1320'

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

WELL LOCATION MAP  
 FILE NO. KAN-684

+ 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.

Deep Well ✓

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

Permit No. Kan-684  
Kenna Quad.

Gas Well.

Company           Columbian Carbon Co.  
Address           Box 1240, Charleston, W. Va.  
Farm              Joseph Hughart       ACRES -  
Location          Right Fork of Grapevine Creek  
Well No.          1 (GW-449)           ELEV. 905.2 DF  
District          Poca - Kanawha County  
Surface          Jos. Hughart, Sissonville, W. Va.  
Mineral          Same, et al  
Commenced       March 5, 1940  
Completed       June 24, 1940  
Shot             Not shot  
Volume          2,834,000 c.f.  
Rock Pressure    920 lbs. 4 days  
Salt Water       1180 - hole full

CASING & TUBING

14	48-2	48-2
10-3/4	492-5	pulled
8-5/8	1831-0	1831-0
7 22#	392-6	
7 24#	4543-8	4936-2
2-3/8	5113-1	5113-1

No packer

Gravel	0	10	
Red Rock	10	70	
Slate	70	110	
Red Rock	110	160	
Slate	160	210	
Sand	210	225	
Red Rock	225	320	
Sand	320	350	
Slate	350	410	
Sand	410	500	
Slate	500	505	
Sand	505	520	
Slate&Shells	520	720	
Sand	720	785	
Slate	785	830	
Sand	830	868	
Slate	868	1015	
Sand	1015	1035	
Slate	1035	1058	Gas 1068-73 show HFSW 1180
Salt Sand	1058	1495	
Slate	1495	1525	
Maxton Sand	1525	1562	
Slate	1562	1564	
Little Lime	1564	1605	
Slate	1605	1608	
Big Lime	1608	1755	
Big Injun Sand	1755	1800	
Black Lime	1800	1840	
Slate & Shells	1840	2195	
Brown Shale	2195	2203	
Slate & Shells	2203	2687	
White Slate	2687	2910	
Shell	2910	2920	
Slate & Shells	2920	3410	
Brown Shale	3410	3435	Gas 3427 Show
Slate & Shells	3435	3710	
Brown Shale	3710	3745	
Slate & Shells	3745	3860	
Brown Shale	3860	3974	
Slate & Shells	3974	4006	
Lime Shell	4006	4018	
Slate & Shells	4018	4550	
Brown Shale	4550	4590	
White Slate	4590	4628	

Brown Shale	4628	4660	
White Slate	4660	4675	
Brown Shale	4675	4795	
White Slate	4795	4828	
Brown Shale	4828	4897	DLM = 4893 SLM
Corrosive	SLM 4893	5008	SLM *
Oriskany Sand	SLM 5008	5043	
Lime Break	5043	5062	
Oriskany Sand	5062	5089	
Total Depth		5089	

Quit drilling in Black Lime  
\*Also per sample examination

PAY: 5016; 5020-24

CEMENT RECORD: 4/17/40 Cemented 8-5/8 casing. Ran 110 sack Alpha cement mixed with 1% solution Aquagel. Ran 5 sacks Aquagel 6% solution ahead of cement. Plug on top Aquagel - 10' spacer - Plug on top of cement. 8' cement in pipe.  
Dallas Holley, Cementor, Halliburton Oil Well Cementing Company

5/31/40 Cemented 7" Casing. Dumped 13 sacks Alpha cement on bottom - pulled casing out of cement and set it back on bottom. 56' solid cement in hole when started up.  
Ben Simonton, Cementor - Columbian Carbon Company

RECEIVED

JAN 4 1973

FORM 06-8

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

OIL & GAS DIVISION  
DEPT. OF MINES

AFFIDAVIT OF PLUGGING AND FILLING WELL

AFFIDAVIT SHOULD BE MADE IN TRIPPLICATE. ONE COPY MAILED TO THE DEPARTMENT, ONE COPY TO BE RETAINED BY THE WELL OPERATOR AND THE THIRD COPY (AND EXTRA COPIES IF REQUIRED) SHOULD BE MAILED TO EACH COAL OPERATOR AT THEIR RESPECTIVE ADDRESSES.

COAL OPERATOR OR OWNER	<u>Cities Service Oil Company</u>
ADDRESS	<u>Box 873, Charleston, W. Va. 25232</u>
COAL OPERATOR OR OWNER	<u>December 16, 1972</u>
ADDRESS	<u>Poca</u>
LEASE OR PROPERTY OWNER	<u>Kanawha</u>
ADDRESS	<u>Well No. "B" #1-Gw-1449</u>
	<u>Joseph Hugart</u>
	<u>Sissonville, W. Va.</u>

STATE INSPECTOR SUPERVISING PLUGGING Fred Burdette Sissonville, W. Va.

AFFIDAVIT

STATE OF WEST VIRGINIA,  
County of \_\_\_\_\_ } ss:

Steve Dinkworth and Eugene Prunty  
being first duly sworn according to law depose and say that they are experienced in the work of plugging and filling oil and gas wells and were employed by Cities Service Oil Co., well operator, and participated in the work of plugging and filling the above well, that said work was commenced on the 14 day of November, 1972, and that the well was plugged and filled in the following manner:

SAND OR ZONE RECORD	FILLING MATERIAL	PLUGS USED	CASING	
			CSS PULLED	CSS LEFT IN
FORMATION	Filled hole with gel (6% Bentonite Mud)	SIZE & KIND	2" 5010'	
			7" 3815'	1111'
	4930-4910 - 4 sx	cement	8" 860'	971'
	3815-3745 - 20 sx	cement	14"	43'
	3030-3010 - 7sx	cement		
	1841-1821 - 7 sx	cement		
	860-840 - 10 sx	cement		
	50 - surface 40 sx	cement		
	Total Cement 88 sx			
	Total Aquagel 40 sx			
COAL SEAMS		DESCRIPTION OF MONUMENT		
(NAME)		8" x 14' Pipe erected as		
(NAME)		prescribed by law		
(NAME)				
(NAME)				

and that the work of plugging and filling said well was completed on the 14 day of December, 1972.

And further deponents saith not.

Sworn to and subscribed before me this 10<sup>th</sup> day of Dec, 1972.

My commission expires:  
2-10-77

Steve Dinkworth  
Eugene Prunty  
William F. [Signature]

Notary Public.  
Permit No. Kan-684-P C. NOLL

JAN 15 1973