

New Location...
 Drill Deeper.....
 Abandonment..... 2/25/82

Company COLUMBIA GAS TRANSMISSION
 Address CHARLESTON W.VA. 25325
 Farm JARRETT RESERVATION
 Tract Acres 894 Lease No. C-2954
 Well (Farm) No. 4 Serial No. GW-887
 Elevation (Spirit Level) GROUND = 721.1
FLOOR = 724.2
 Quadrangle CLENDENIN 4-122-380
 County KANAWHA District ELK
 Engineer [Signature]
 Engineer's Registration No. 778
 File No. _____ Drawing No. 389
 Date JULY 18, 1946 Scale 1" = 660'

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

WELL LOCATION MAP
 FILE NO. KAN-1298 - 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.

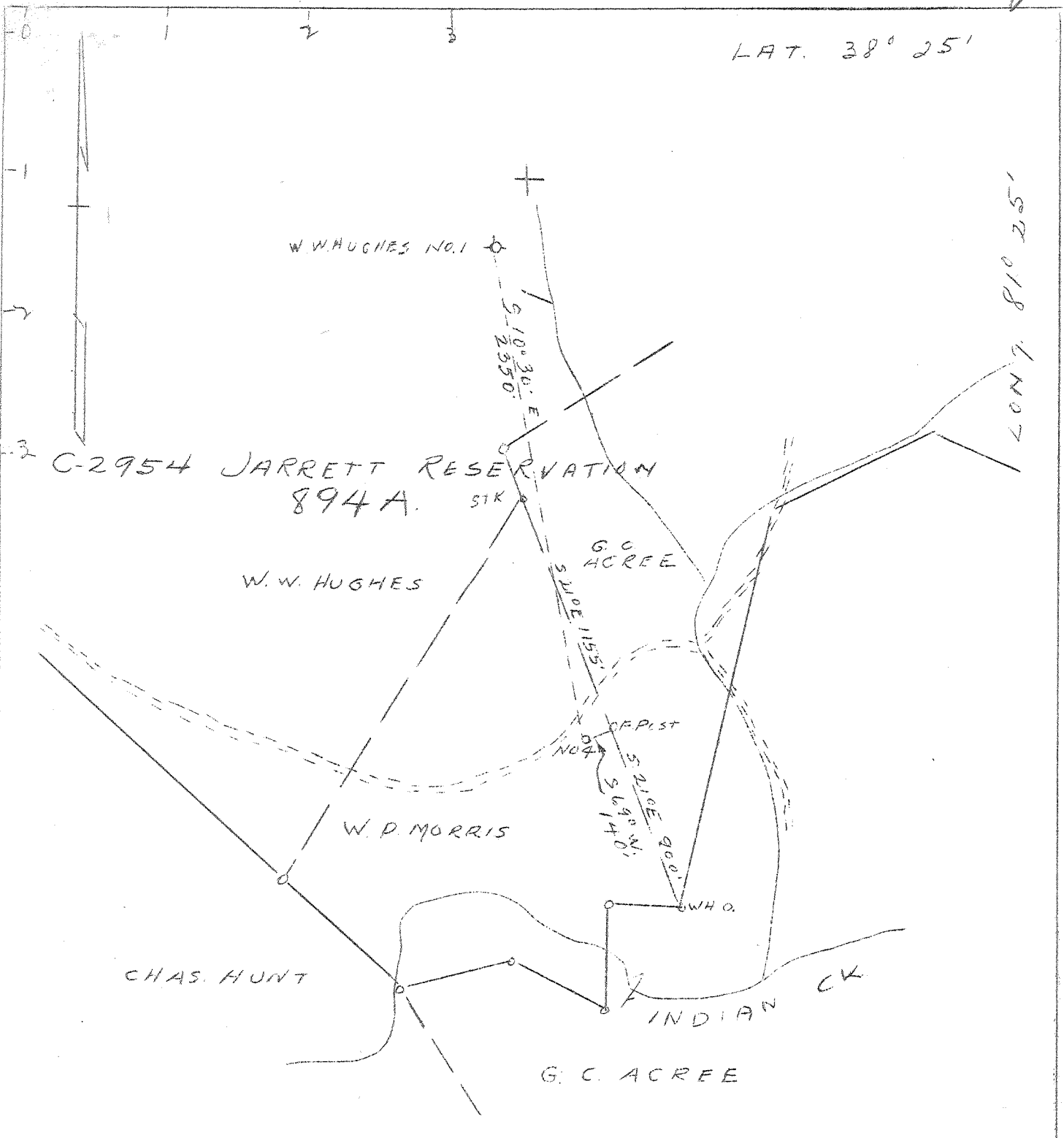
- Denotes one inch spaces on border line of original tracing. 47-039

MAR 9 1982

DEEP WELL

LAT. 38° 25'

LONG. 81° 25'



1.20 S
3.75 W

4 NW (3-6)

DRILL DEEPER X

COMPANY	COLUMBIAN CARBON CO.
ADDRESS	CHARLESTON, W. VA.
FARM	JARRETT RESERVATION
TRACT ACRES	894 LEASE NO. C-2954
WELL (FARM) NO.	4 SERIAL NO. GW-887
ELEVATION (SPIRIT LEVEL)	GROUND 721.1 FLOOR 724.2
QUADRANGLE	CLENDENIN 4-122-380 -WC
COUNTY	KANAWHA DIST. ELK
ENGINEER	J. N. SELL
ENGINEER'S REGISTRATION NO.	772
FILE NO.	DRAWING NO. 389
DATE	JULY 18, 1946 SCALE 1"-660'

STATE OF WEST VIRGINIA
 DEPARTMENT OF MINES
 OIL AND GAS DIVISION
 CHARLESTON
 WELL LOCATION MAP
 FILE NO. KAN-1298 D

+ 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.

Deep Well

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

Permit No. Kan 1298		Gas Well
Clendenin Quad.		CASING & TUBING
Company	Columbian Carbon Company	
Address	Box 873, Charleston 23, W.Va.	5 3/16 15.5# 4956'5
Farm	W.P. Morris (Jarrett Reserv) A 894	Same
Location	Indian Creek	2 3/8 4# 5083'7 "
Well No.	4 (GW-887) Elev. 724.2 DF	3 1/2 63'9 "
District	Elk Kanawha County	
Surface	J.H. McClintic, Rec., Chas. Nat'l. Bldg. Packer	
	Charleston, 1, W.Va.	Midget Bottom Hole
Mineral	Same	Size 5 1/2
Commenced	9-13-46	Depth 4920' SLM
Completed	11-1-46	
Date shot	11-1-46	Depth 5017' SLM to 5057' SLM
	with 267# 80% Atlas Gelatin	
Open flow	20/10ths W in 7" 22#	No coal
Volume	1,929,000 C.F.	
Rock Pressure	1410 lbs. 24 hrs.	

DRILLED DEEPER

Old Total Depth 1891
 Drilled deeper Record:

Slate	1891	1951	
Slate & Shells	1951	2016	
Lime	2016	2035	
Slate & Shells	2035	3745	
Brown Shale	3745	3821	
White Slate	3821	4535	
Brown Shale	4535	4780	
White Slate	4780	4815	
- Black Shale	4815	4885	DLM
		4905	SLM
-Corniferous Lime	4905 SLM	5017	SLM
-Oriskany Sand	5017 SLM	5054	
Lime	5054	5061	
Sand	5061	5066	
Lime	5066	5078	DLM Pays: 5018' 18/10 W 7" 22#-1831 M
		5087	SLM 5024' 38/10 W 2" 260 MCF
			5032-5037 13/10 W 3" 342 MCF
TOTAL DEPTH	5078' DLM--5087' SLM		5050-5052' 22/10 W 3" 445 MCF

CEMENT RECORD: 10-18-46 5 1/2" casing. Ran 35 Sacks aquagel and 2 bales fibertex.
 Circulation and returns 2175'-- Columbian Carbon Company Crew.

5078
 1882
 3193



STATE OF WEST VIRGINIA
DEPARTMENT OF MINES
OIL AND GAS DIVISION

WELL RECORD

Oil or Gas Well 011

Permit No. 1298

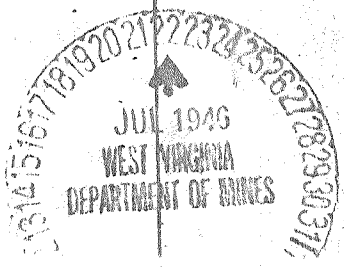
Company Columbian Carbon Company
Address Box 873, Charleston 23, W. Va.
Farm W. P. Morris (Jarrett Resery) Acres 89 1/2
Location (waters) Indian Creek
Well No. 1 - 47-387 Elev. 724.2 DF
District Elk County Kanawha
The surface of tract is owned in fee by J. H. McClintic, Rec.
Chas. Nat'l Bldg Address Charleston 1, W. Va.
Mineral rights are owned by same
Address _____

Drilling commenced _____
Drilling completed May 9, 1924
Date Shot 5-13-24 From _____ To _____
With 150 Quarts
Open Flow _____ /10ths Water in _____ Inch
_____ /10ths Merc. in _____ Inch
Volume _____ Cu. Ft.
Rock Pressure _____ lbs _____ hrs.
Oil after shot 3 bbls. _____ bbls., 1st 24 hrs.
Fresh water _____ feet _____ feet
Salt water _____ feet _____ feet

Casing and Tubing	Used in Drilling	Left in Well	Perforations
Size			Kind of Pack
16			
18			Size of
10			
8 1/2			Depth set
6 1/2	1165'	1165'	
5 3/16			Perf. top
3			Perf. bottom
2	1898'	1898'	Perf. top
Liners Used			Perf. bottom

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

Formation	Color	Hard or Soft	Top	Bottom	Oil, Gas or Water	Depth Found
Big Lime			1158	1603		
Keenor			1603	1628		
Squaw			1707	1719		
Weir			1737	1880	Oil	1760-65'
TOTAL DEPTH				1885'		



90 ppg
shallow
hard

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

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.

Jarrett Reservation Heirs
Lobart & Shuman Attorneys at Law
COAL OPERATOR OR OWNER
P. O. Box 386, Charleston, WV 25322
ADDRESS

Columbia Gas Transmission Corporation
NAME OF WELL OPERATOR
P. O. Box 1273, Charleston, WV 25325-1273
COMPLETE ADDRESS

COAL OPERATOR OR OWNER
ADDRESS
Bishop Joseph Hodges D.D., Catholic Diocese
of Wheeling - Charleston
PROPERTY OWNER
1300 Barton Street, Wheeling, WV 26003
ADDRESS

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WELL AND LOCATION
Elk District
Kanawha County
Well No. 7100
Jarrett Reservation Heirs Farm

STATE INSPECTOR SUPERVISING PLUGGING Martin Nichols

AFFIDAVIT

STATE OF WEST VIRGINIA,

County of Kanawha

ss:

Larry E. Humphreys and Ronald L. Miller (Halliburton) 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 Columbia Gas Transmission Corp., well operator, and participated in the work of plugging and filling the above well, that said work was commenced on the 16 day of March, 1982, and that the well was plugged and filled in the following manner:

SAND OR ZONE RECORD FORMATION	FILLING MATERIAL	PLUGS USED SIZE & KIND	CASING	
			CSG PULLED	CSG LEFT IN
T.D. 5087 Oriskany				3 1/2" 5085'
5054 - 5017	Cement 5087' - 4693' 15% Gel 4693' - 300'	3 1/2" Baker Cement Retainer		5 3/16" 4956' 6 5/8" 1465'
Br. Shale 3821'-3745' Weir 1880'-1737' Squaw 1719'-1707'	Cement 300' - Surface	with Ball check valve set at 4753'		
Keener 1628'-1603' Big Lime 1603'-1458'	(Cement and Gel inside 3 1/2" which was previously cemented to the surface inside 5-3/16")			
RECEIVED				
MAR 24 1982				
COAL SEAMS (NAME) None Encountered	OIL AND GAS DIVISION WV DEPARTMENT OF MINES	DESCRIPTION OF MONUMENT		
(NAME)		3 1/2" Casing filled with cement extending 30" above ground. Stainless steel I.D. Tag mounted in the top.		
(NAME)				
(NAME)				

and that the work of plugging and filling said well was completed on the 16 day of March, 1982

And further deponents saith not.

Sworn to and subscribed before me this 17 day of March, 1982

Larry E. Humphreys
Ronald L. Miller
D. L. Clark
Notary Public

My commission expires:

March 4, 1987

Permit No. 47-039-01298