

- New Location
- Drill Deeper
- Abandonment
- Fracture
- Redrill  - 7-9-74

I, the undersigned, hereby certify that this map is correct to the best of my knowledge and belief and shows all the information required by paragraph 6 of the rules and regulations of the oil and gas section of the mining laws of West Virginia.

*Chet Waterman*

Company Burdette Oil & Gas Co. Inc.  
~~COLONIAL GAS COMPANY, INC.~~

Address CHARLESTON, W. VA.

Farm L. BOURGEOIS

Tract \_\_\_\_\_ Acres 60 Lease No. \_\_\_\_\_

Well (Farm) No. 2 Serial No. \_\_\_\_\_

Elevation (Spirit Level) ~~287~~ 814.96'

Quadrangle TRIPPLY W.C.

County JACKSON District Riverswood

Engineer CHET WATERMAN

Engineer's Registration No. 3788

File No. 70003-192 Drawing No. \_\_\_\_\_

Date 5/26/70 Scale \_\_\_\_\_

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

WELL LOCATION MAP  
FILE NO. IAC-1211-P  
Corrected Elevation

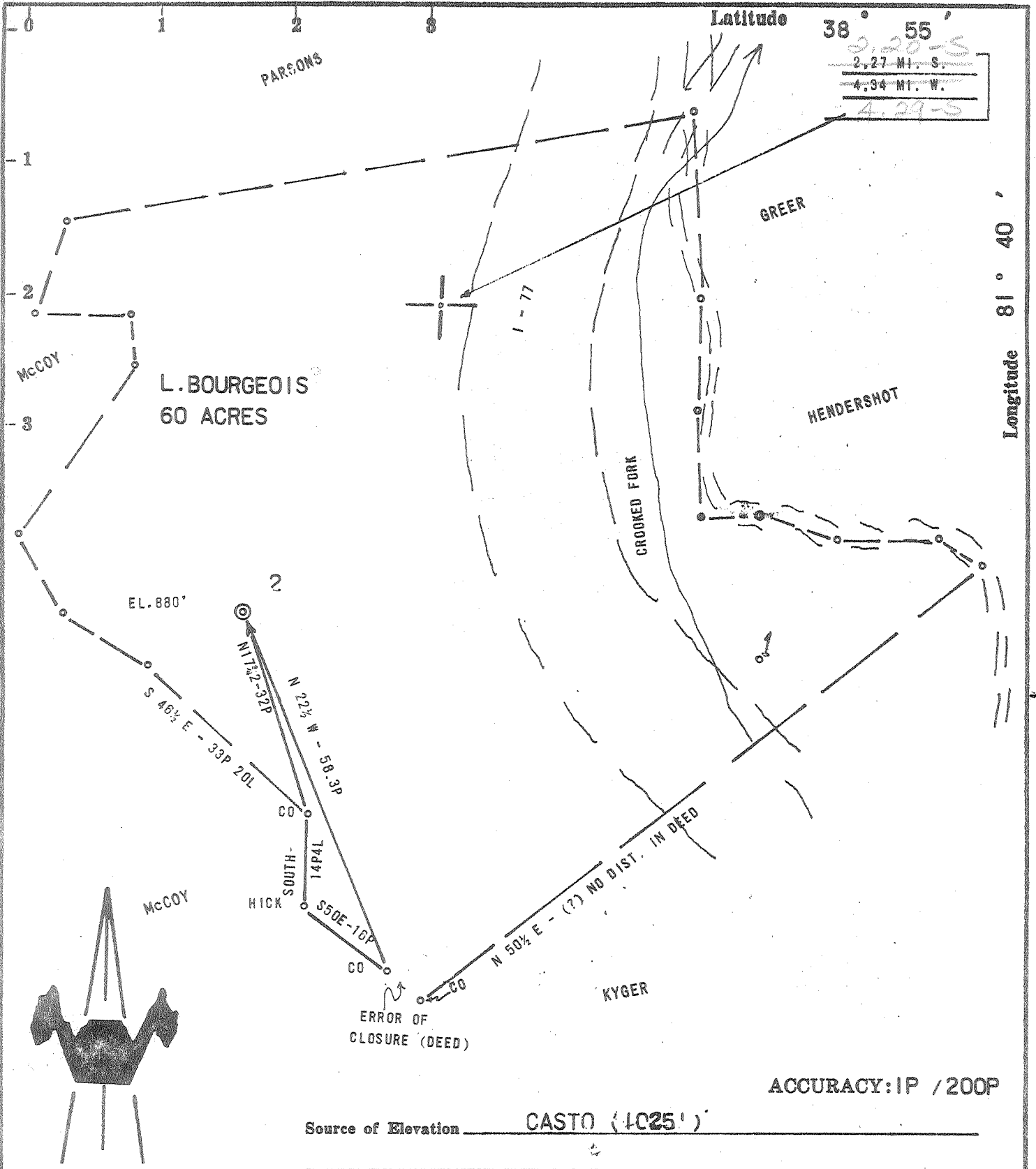
[- Denotes location of well on United States Topographic Maps, scale 1 to 62,500, latitude and longitude lines being represented by border lines as shown.

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

AUG 2 1974

*Deep Well*

6/11/70



Latitude 38° 55'  
 2.27 MI. S  
 4.34 MI. W  
 4.29-5

Longitude 81° 40'

ACCURACY: 1P / 200P

Source of Elevation CASTO (1025')

- New Location
- Drill Deeper
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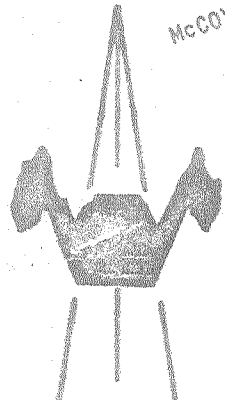
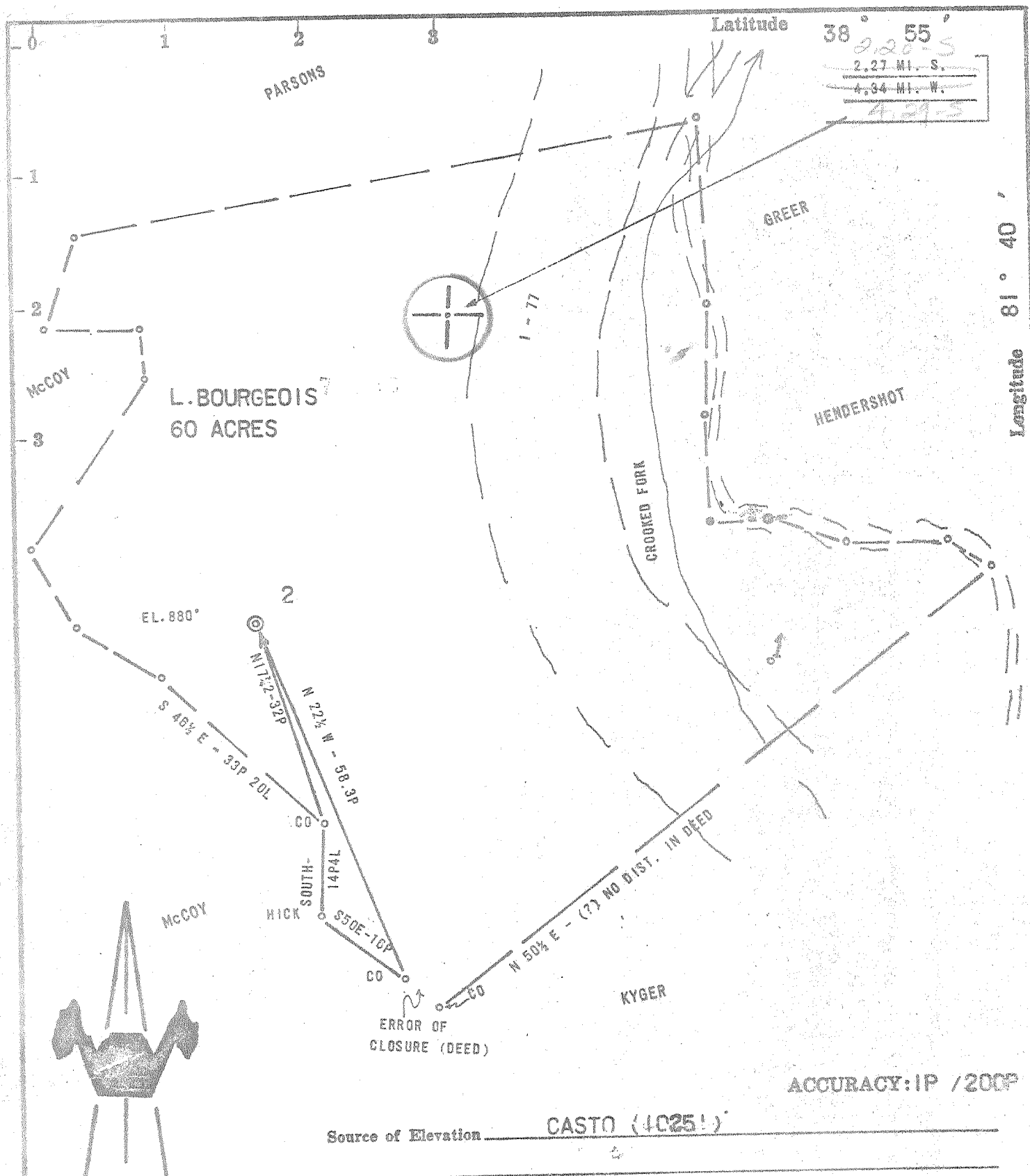
*Chet Waterman*

Company COLONIAL GAS COMPANY, INC.  
 Address CHARLESTON, W. VA.  
 Farm L. BOURGEOIS  
 Tract \_\_\_\_\_ Acres 60 Lease No. \_\_\_\_\_  
 Well (Farm) No. 2 Serial No. \_\_\_\_\_  
 Elevation (Spirit Level) ~~880~~ 814.96'  
 Quadrangle RIPLEY  
 County JACKSON District RAVENSWOOD  
 Engineer CHET WATERMAN  
 Engineer's Registration No. 3788  
 File No. 70003-192 Drawing No. \_\_\_\_\_  
 Date 5/26/70 Scale 1" = 20P

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

**WELL LOCATION MAP**  
 FILE NO. JAC-1211  
Corrected Elevation  
 + 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.

6/11/70 CEM



Source of Elevation CASTO (4025')

ACCURACY: 1P / 200P

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*Chet Waterman*

- New Location
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Company	COLONIAL GAS COMPANY, INC.		
Address	CHARLESTON, W.VA.		
Farm	L. BOURGEOIS		
Tract	Acres 60	Lease No.	
Well (Farm) No.	2	Serial No.	
Elevation (Spirit Level)	880'		
Quadrangle	RIPLEY WC		
County	JACKSON	District	RAVENSWOOD
Engineer	CHET WATERMAN		
Engineer's Registration No.	3788		
File No.	70003-192	Drawing No.	
Date	5/26/70	Scale	1" = 20P

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

WELL LOCATION MAP  
FILE NO. JAC-1211

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6-6 Ripley 311

Deep Well (Newburg)  
JUN 15 1970



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

Rotary   
Spudder   
Cable Tools   
Storage

Quadrangle Ripley

WELL RECORD

Oil or Gas Well  Gas (KIND)

Permit No. Jac-1211

Company Colonial Gas Company  
Address 1596 Kanawha Blvd, E., Charleston, W. Va.  
Farm L. Bourgeois Acres. 60 Ac.  
Location (waters) Crooked Fork  
Well No. Two (2) Elev. 827 KB  
District Ravenswood County Jackson  
The surface of tract is owned in fee by L. Bourgeois  
Mineral rights are owned by  
Drilling commenced 6/12/70  
Drilling completed 7/6/70  
Date Shot From To  
With  
Open Flow /10ths Water in Inch  
/10ths Merc. in Inch  
Volume Cu. Ft.  
Rock Pressure lbs. hrs.  
Oil bbls., 1st 24 hrs.  
WELL ACIDIZED (DETAILS)  
WELL FRACTURED (DETAILS) Yes 500 gal. 15% MCA acid, 20,000 lb. 20/40 sand  
700 bbls., Est. open flow 75,000,000 cu. ft.  
RESULT AFTER TREATMENT (Initial open Flow or bbls.) 75,000 MCF GPD 700 bbls. water  
ROCK PRESSURE AFTER TREATMENT 2060 HOURS 24  
Fresh Water Feet Salt Water Feet  
Producing Sand Newburg Depth 5554 - 5564

Casing and Tubing	Used in Drilling	Left in Well	Packers
Size			Kind of Packer
16			
13	206	206	Size of
10			Depth set
XX 5/8	2160	2160	Perf. top
6 3/4			Perf. bottom
5 3/16	5527	5527	Perf. top
4 1/2			Perf. bottom
3			
XX 1 1/2	5560	5560	
Liners Used			

Attach copy of cementing record. (OVER)  
CASING CEMENTED SIZE No. Ft. Date  
Amount of cement used (bags)  
Name of Service Co. Halliburton  
COAL WAS ENCOUNTERED AT None FEET INCHES  
FEET INCHES FEET INCHES  
FEET INCHES FEET INCHES

Formation	Color	Hard or Soft	Top	Bottom	Oil, Gas or Water	Depth	Remarks
Red Rock			0	30			
Shale			30	80			
Sand			80	120			
Shale			120	330			
Sand			330	375			
Shale			375	450			
Red Rock			450	525			
Shale			525	650			
Sand			650	680			
Shale			680	750			
Red Rock			750	825			
Sand			825	970			
Shale			970	1130			
Sand			1130	1275			
Shale			1275	1400			

RECEIVED  
JUL 14 1970  
OIL & GAS DIVISION  
DEPT. OF MINES

(over)

JUL 27 1970

Formation	Color	Hard or Soft	Top $\zeta$	Bottom	Oil, Gas or Water	Depth Found	Remarks
Sand - <i>Salt Sand?</i>			1400	1490			
Shale			1490	1550			
Sand - <i>Salt Sand?</i>			1550	1620			
Shale			1620	1650			
Sand - <i>Salt Sand?</i>			1650	1750			
✓ Little Lime			1750	1790			
✓ Big Lime	} 340		1790	1975			
Shale			1975	1980			
✓ Big Injun			1980	2095			
Shale			2095	2418			
✓ Coffee Shale			2418	2440			
✓ Berea			2440	2448			
Shale			2448	4724			
✓ Corniferous Lm. - 463			4724	4818			
✓ Oriskany Sandstone			4818	4828			
✓ Limestone and Dolomite		<i>HALBERSTADT &amp; SALINA</i>	4828	5554			
✓ Newburg Sandstone			5554	5564			
✓ Limestone - <i>McKenzie</i>			5564	5585			
TOTAL DEPTH - 5585			<i>545</i>				
CASING CEMENTED							
6/13/70	206 ft. of 13"	csg. cemented w/125Sx.					
6/22/70	2160 ft. of 8-5/8"	csg. cemented w/125sx.					
6/30/70	5527 ft. of 5-1/2"	csg, cemented w/150 sx.					

Date July 14<sup>th</sup>, 1970

APPROVED [Signature] Owner

By [Signature] (Title)