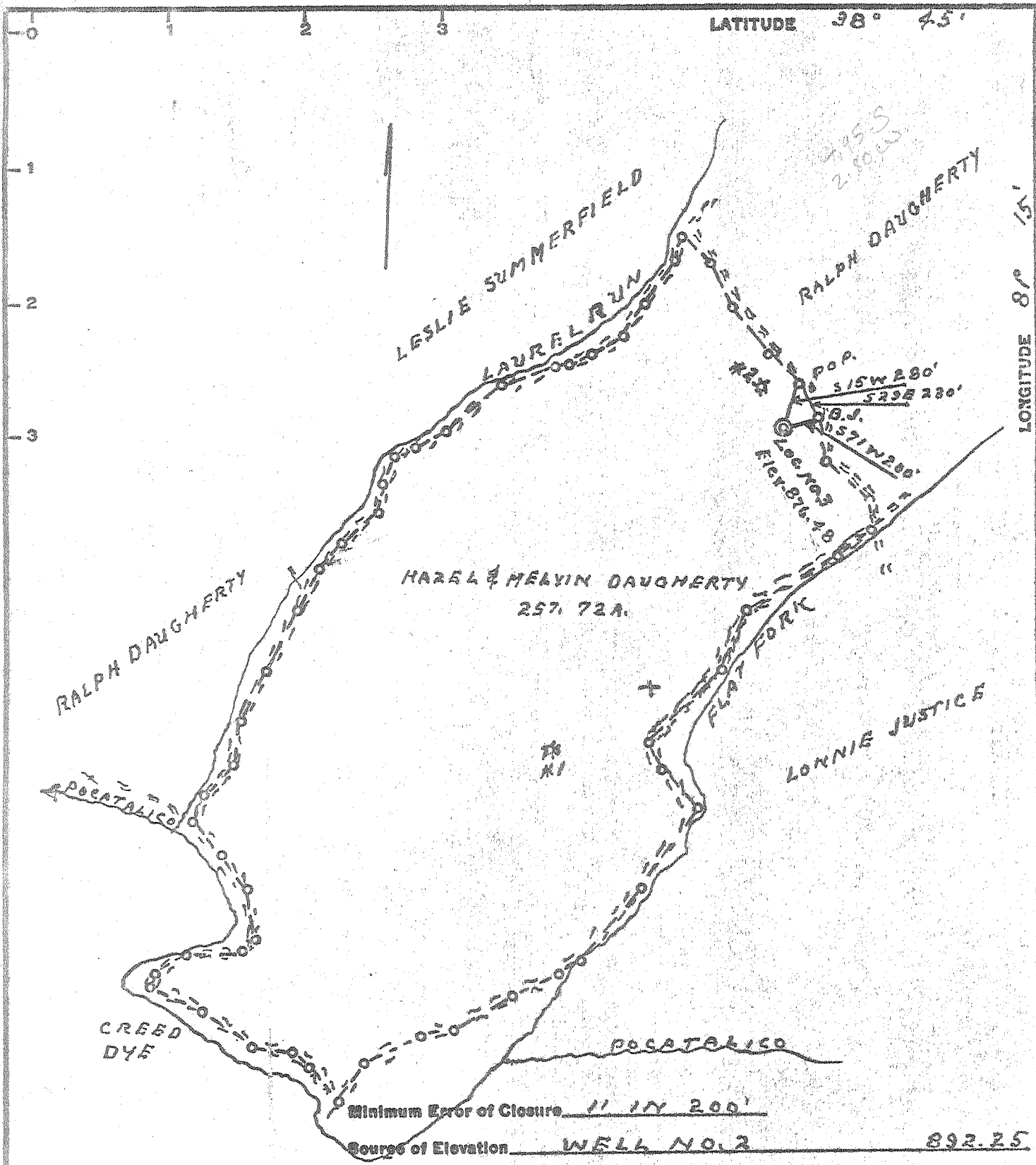


5/26/69 *cm*



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.

- Fracture.....
- New Location.....
- Drill Deeper.....
- Abandonment.....

Journal
5-14-71

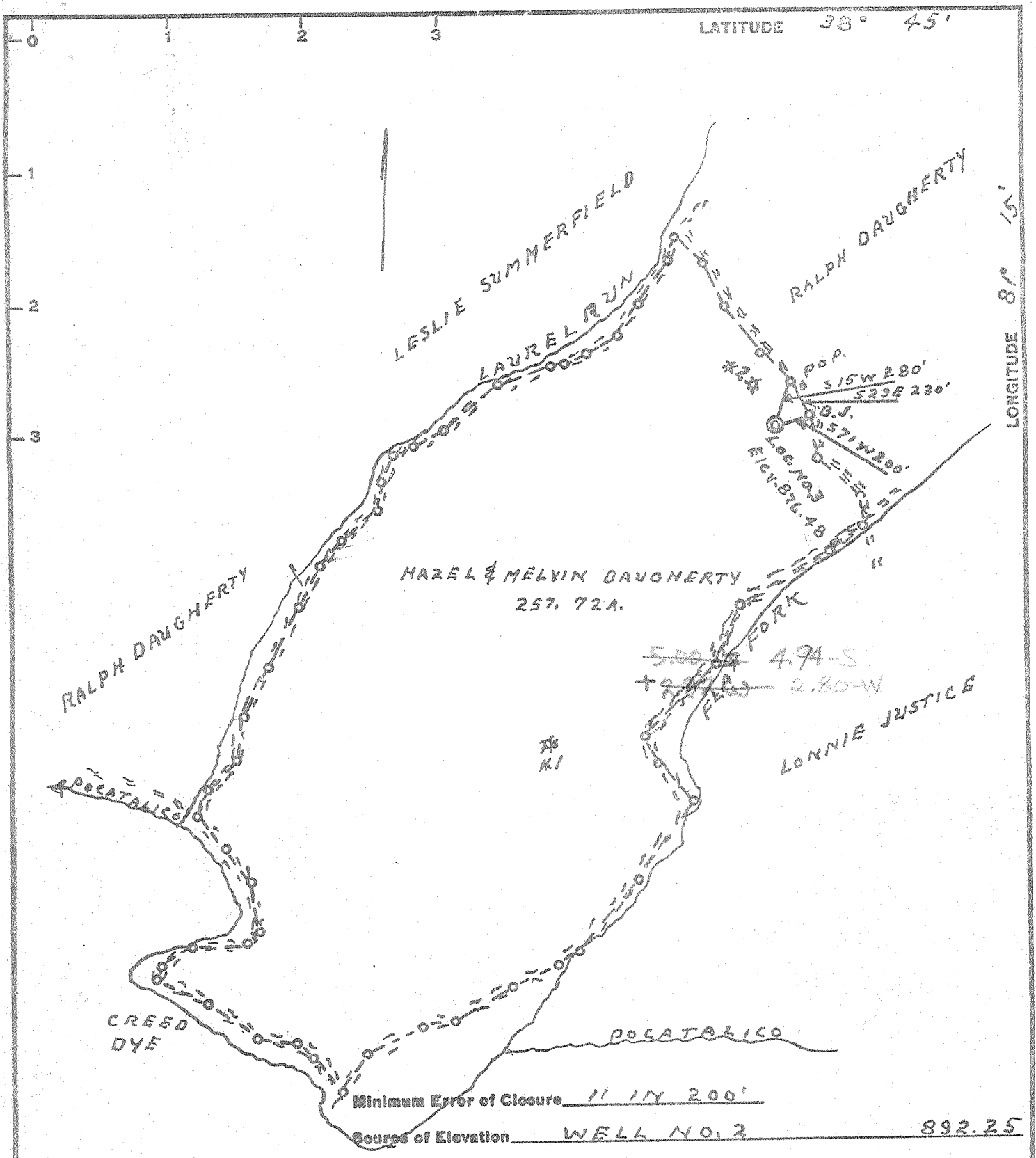
Signed: L. F. Dye
Squares: N S E W

Company FIVE STAR GAS CO.
 Address SPENCER, W. VA
 Farm HAZEL & MELVIN DAUGHERTY
 Tract _____ Acres 257.72 Lease No. _____
 Well (Farm) No. 3 Serial No. _____
 Elevation (Spirit Level) 876.48
 Quadrangle WALTON NE
 County ROANE District SMITHFIELD
 Engineer L. F. Dye
 Engineer's Registration No. 804
 File No. _____ Drawing No. _____
 Date 5-23-69 Scale 1" = 800'

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

WELL LOCATION MAP
FILE NO. ROA-1705-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.



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.

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Map No. _____

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

WELL LOCATION MAP
 FILE NO. ROA-1705

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

3-0 Clover-Rush Run 197

RECEIVED

MAY 14 1971



STATE OF WEST VIRGINIA
DEPARTMENT OF MINES
OIL AND GAS DIVISION

OIL & GAS DIVISION
DEPT. OF MINES

- Rotary
- Spudder
- Cable Tools
- Storage

Oil or Gas Well Dry
(KIND)

WELL RECORD

Quadrangle Walton
Permit No. ROA-1705

Company Five Star Gas Company
Address P.O. Box 172, Spencer, W.Va. 25276
Name Hazel & Melvin Daugherty Acres 258
Location (waters) Flat Fork of Poca
Well No. 3 Elev. 876
District Smithfield County Roane
The surface of tract is owned in fee by Hazel & Melvin Daugherty Address Looneyville, W.Va.
Mineral rights are owned by Hazel Daugherty, et al. Address Looneyville, W.Va.

Casing and Tubing	Used in Drilling	Left in Well	Packers
Size			Kind of Packer
16			
13	218	218	Size of
10			Depth set
9 5/8"	1950	1950	
7"	5843	5843	
5 3/16"			
4 1/2"			
3"			Perf. top
2"			Perf. bottom
Liners Used			Perf. top
			Perf. bottom

Drilling commenced May 28, 1969
Drilling completed July 5, 1969
Date Shot Not shot From To

Open Flow /10ths Water in Inch
 /10ths Merc. in Inch

Volume None Cu. Ft.
Rock Pressure lbs. hrs.

WELL ACIDIZED (DETAILS) Not acidized

WELL FRACTURED (DETAILS) Not fractured

RESULT AFTER TREATMENT (Initial open Flow or bbls.)

ROCK PRESSURE AFTER TREATMENT HOURS

Fresh Water Feet Salt Water Feet

Producing Sand None Depth

Attach copy of cementing record.
CASING CEMENTED SIZE No. Ft. Date
Amount of cement used (bags) See reverse side
Name of Service Co.
COAL WAS ENCOUNTERED AT FEET INCHES
 FEET INCHES FEET INCHES
 FEET INCHES FEET INCHES

Formation	Color	Hard or Soft	Top	Bottom	Oil, Gas or Water	Depth	Remarks
Oil & Rock			0	184			
Sand & Shale			184	1365			
Silt Sand			1365	1690			
Lime			1690	1840			
Sand			1840	1880			
Shale & Shells			1880	5500			
Coniferous Lime			5500	5650			
Iskany			5650	5710			
Shale & Shell			5710	6655			
Sawberg			6655	6675		7650	
Shale			6675	6875		1880	
Peffer			6875	6925			
Shale - Rose Hill			6925	7485		5770	
Clinton - TCR			7485	7600			
Shale			7600	7650			
TOTAL Depth				7650			

junata (PI)
615

Exploratory footage

Formation	Color	Hard or Soft	Top	Bottom	Oil, Gas or Water	Depth Found	Remarks
<u>CASING RECORD</u>							
5-30-69	Set and cemented surface)	218'	of 13'	using 150 sacks of cement.			(Cemented to surface)
6-7-69	Set and cemented	1950'	of 9 5/8"	casing using 100 sacks of cement.			
6-23-69	Set and cemented	5843'	of 7"	casing using 50 sacks of cement.			

Date May 13, 1971

APPROVED Five Star Gas Company, Owner

By J. W. Stone
(Title)
J. W. Stone, Manager