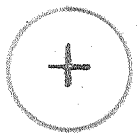
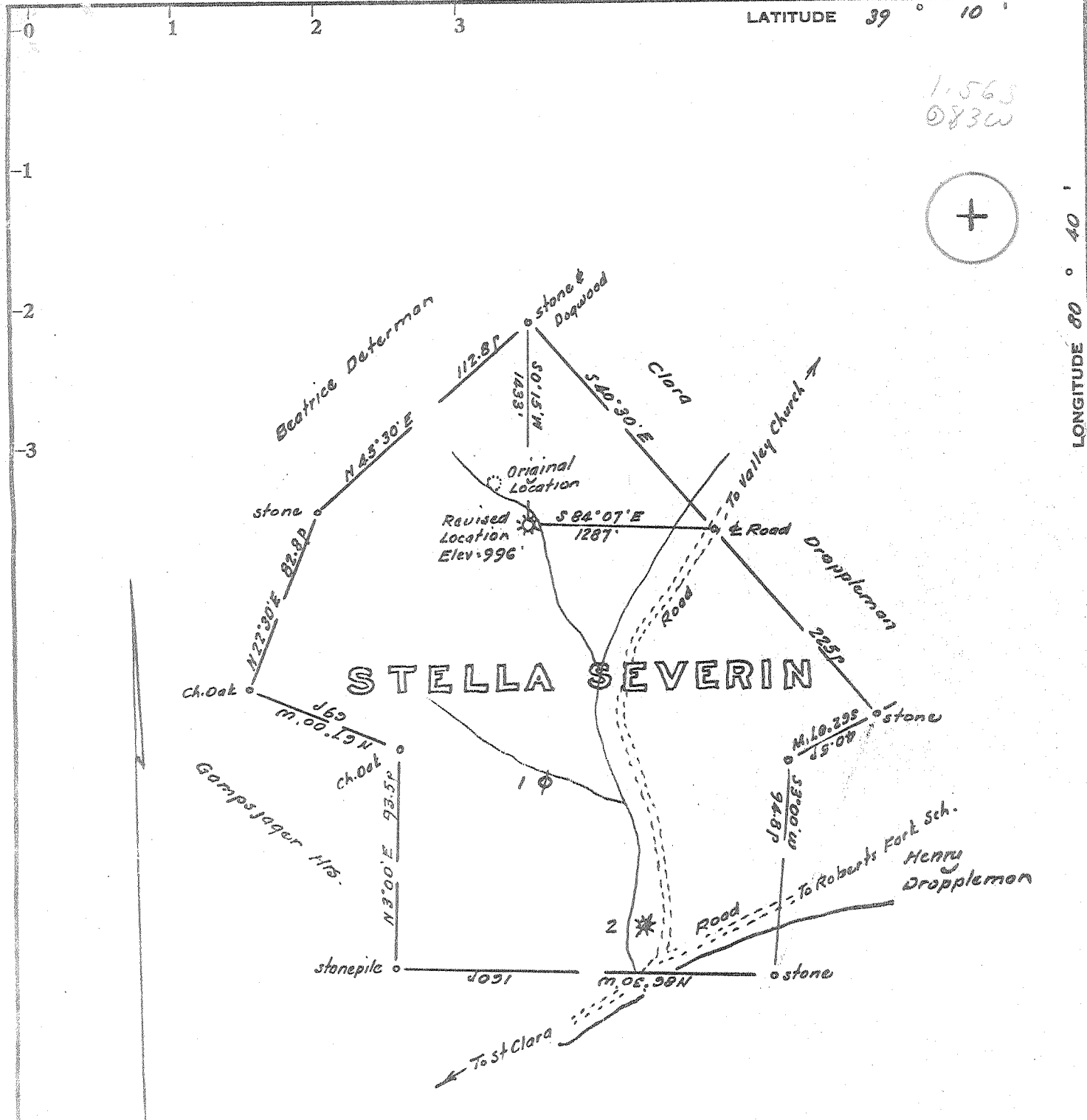


LATITUDE 39 ° 10 '

1.563
083W



LONGITUDE 80 ° 40 '



Minimum Error of Closure 1 in 200'

Source of Elevation Elev. Well No. 2 - Plugged - 887

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

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.

Signed: [Signature]
Squares: N S E W

Map No.

Company John R. Warren, dba, Warren Drilling Co.
 Address United Founders Tower, Oklahoma City
 Farm Stella Severn
 Tract _____ Acres 265.54 Lease No. _____
 Well (Farm) No. Three Serial No. _____
 Elevation (Spirit Level) 996
 Quadrangle Vadis WC
 County Doddridge District Cove
 Engineer [Signature]
 Engineer's Registration No. 1727
 File No. _____ Drawing No. _____
 Date June 16, 1970 Scale 1" = 600' - 990'

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

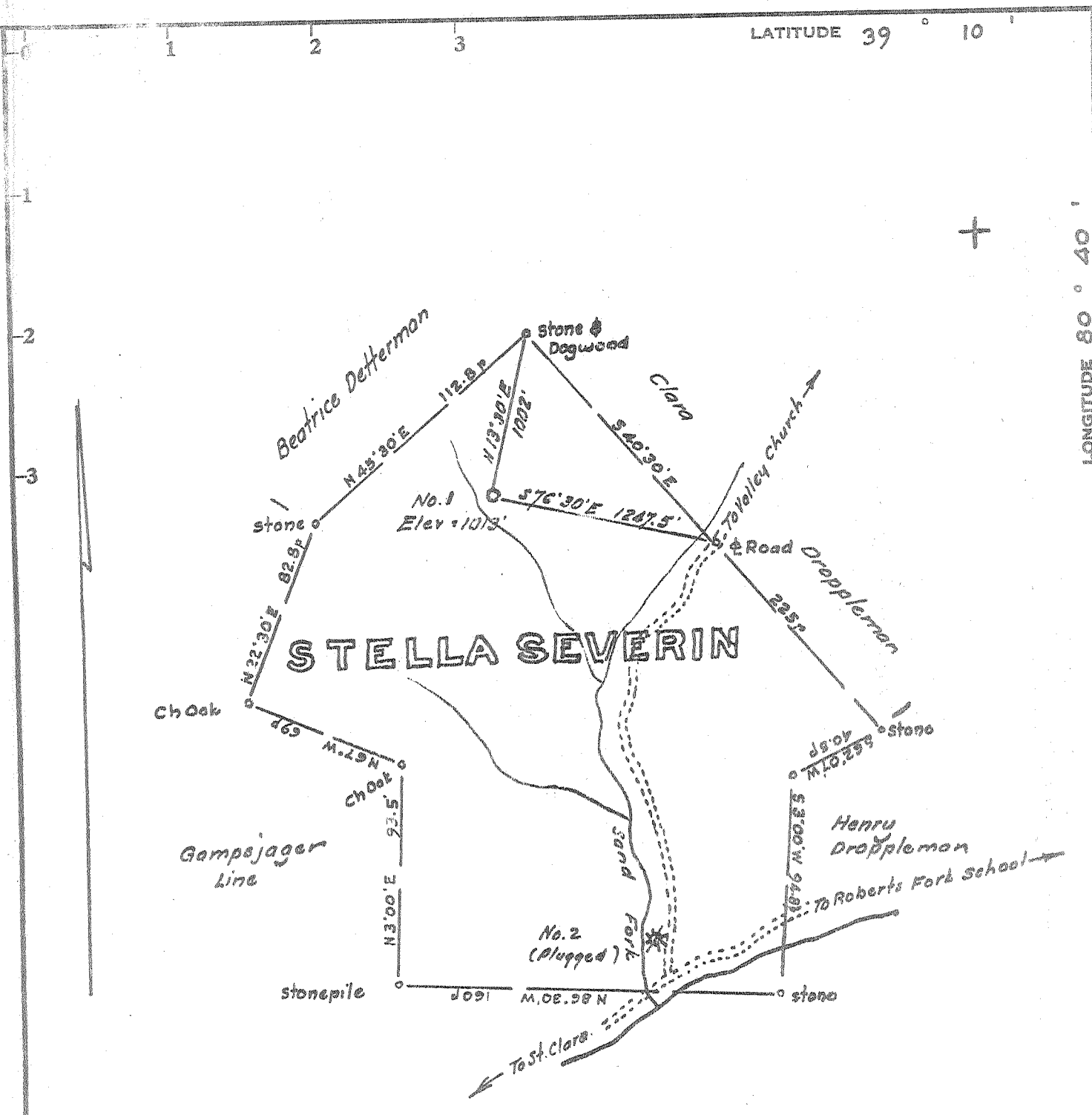
WELL LOCATION MAP

FILE NO. DDO - 1585

Corrected

+ 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.



LATITUDE 39 ° 10'

LONGITUDE 80 ° 40'

Minimum Error of Closure 1 in 200'

Source of Elevation Elev. Well No. 2 - Plugged - 1887

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.....

Signed: [Signature]
Squares: N S E W

Map No.

Company John R. Warren dba Warren Drilling Company
 Address 1215 United Founders Tower Oklahoma City, Oklahoma
 Farm Stella Severin
 Tract _____ Acres 265.54 Lease No. _____
 Well (Farm) No. One Serial No. _____
 Elevation (Spirit Level) 1013'
 Quadrangle Vadis WC
 County Doddridge District Cava
 Engineer [Signature]
 Engineer's Registration No. 1227
 File No. _____ Drawing No. _____
 Date March 7, 1970 Scale 1" = 600' = 990'

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

WELL LOCATION MAP

FILE NO. DDO-1585

+ 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.



STATE OF WEST VIRGINIA
DEPARTMENT OF MINES
OIL AND GAS DIVISION

Rotary
 Spudder
 Cable Tools
 Storage *Gas*
 Oil or Gas Well *Both*
 (KIND)

WELL RECORD

Quadrangle Vadis sw
 Permit No. DOD - 1585

Company JOHN R. WARREN DBA WARREN DRILLING CO.
1215 UNITED FOUNDERS BUILDING
 Address OKLAHOMA CITY, OKLA. 73112
 Farm Stella Severin Acres 265.54
 Location (waters) Roberts Fork
 Well No. Three (3) Elev. 996'
 District Cove County Doddridge
 The surface of tract is owned in fee by Ashcraft
 Address St. Clara, W. Va.
 Mineral rights are owned by Stella Severin et al
 Address New Melton, W. Va.

Casing and Tubing	Used in Drilling	Left in Well	Packers
Size			Kind of Packer
16			
13	15	15	
10			Size of
8 1/4	147	147	
6 3/4			Depth set
5 3/16			
4 1/2	2248'	2248'	Perf. top <u>2143</u>
3			Perf. bottom <u>2150</u>
2			Perf. top <u>2175</u>
Liners Used			Perf. bottom <u>2196</u>

Drilling commenced 4/13/70
 Drilling completed 5/7/70
 Date Shot none From _____ To _____
 With _____
 Open Flow noths Water in _____ Inch
 _____ /10ths Merc. in _____ Inch
 _____ Cu. Ft.
 Rock Pressure unknown lbs. _____ hrs.
 _____ show _____ bbls., 1st 24 hrs.
 WELL ACIDIZED (DETAILS) _____
 WELL FRACTURED (DETAILS) 1400 Bbls. water, 30000# sand

Attach copy of cementing record.
 CASING CEMENTED 4 1/2" SIZE 2248 No. Ft. 5/8/70 Date
 Amount of cement used (bags) 75 cu. ft. Litepoz 75 Type I
 Name of Service Co. Dowell Ti. No. 1-12-443
 COAL WAS ENCOUNTERED AT None FEET _____ INCHES
 _____ FEET _____ INCHES FEET _____ INCHES
 _____ FEET _____ INCHES FEET _____ INCHES

RESULT AFTER TREATMENT (Initial open Flow or bbls.) 1/2 Bbl. Oil & 500 mcf/day 500,000 500 MCF GPD
 ROCK PRESSURE AFTER TREATMENT 940 psi HOURS 48 + 130
 Fresh Water 20' Feet Salt Water 1966' Feet
 Producing Sand Big Injun sand Depth 2143-2200'

Formation	Color	Hard or Soft	Top	Bottom	Oil, Gas or Water	Depth	Remarks
red rock			0	20			
silt			20	64			
slate			64	120			
red rock			120	226			
shale			226	240			
red rock			240	455			
sand			455	520			
lime&shale			520	625			
shale&red rock			625	671			
lime&sand			671	763			
slate&sand			763	860			
sand & shale			860	1070			
sand			1070	1168			
lime			1168	1218			
sand			1218	1273			
shale			1273	1362			
lime			1362	1414			
sand			1414	1550			
shale			1550	1630			
shale&silt			1630	1770			
sand			1770	1782			
shale			1782	1820			
shale & sand			1820	1970			
sand			1970	1985			

RECEIVED
 DEC 23 1970

O-V-E-R

JAN 4, 1971

Formation	Color	Hard or Soft	Top	Bottom	Oil, Gas or Water	Depth Found	Remarks
sand & shale			1985	2005			
shale			2005	2025			
silt & lime			2025	2027			
shale			2027	2052			
lime			2052	2150			Big Lime
sand <i>Big Injun</i>			2150	2201			Big Injun sand
shale			2201	2268			
TOTAL DEPTH			2268				

Date 12/19/70, 1970

APPROVED WARREN DRILLING COMPANY, Owner

By _____ (Title) Consultant