

Plugging - issued 6-23-69
 MINIMUM ERROR OF CLOSURE 1/500
 SOURCE OF ELEVATION Road at a branch of Greenbrier Creek
 FRACTURING Elev. 957
 New Location
 Drill Deeper

"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."

Company Bower & Longfellow - G.A. Bower, Agt
 Address Box 314, Grantsville, W. Va.
 Farm L. D. Davis
 Tract _____ Acres 22 Lease No. _____
 Well (Farm) No. 5 Serial No. _____
 Elevation (Spirit Level) 919
 Quadrangle Vadis NE
 County Doddridge District Greenbrier
 Engineer Parker E. Peters
 Engineer's Registration No. 485
 File No. _____ Drawing No. _____
 Date Sept 10, 1964 Scale 1" = 20 P.

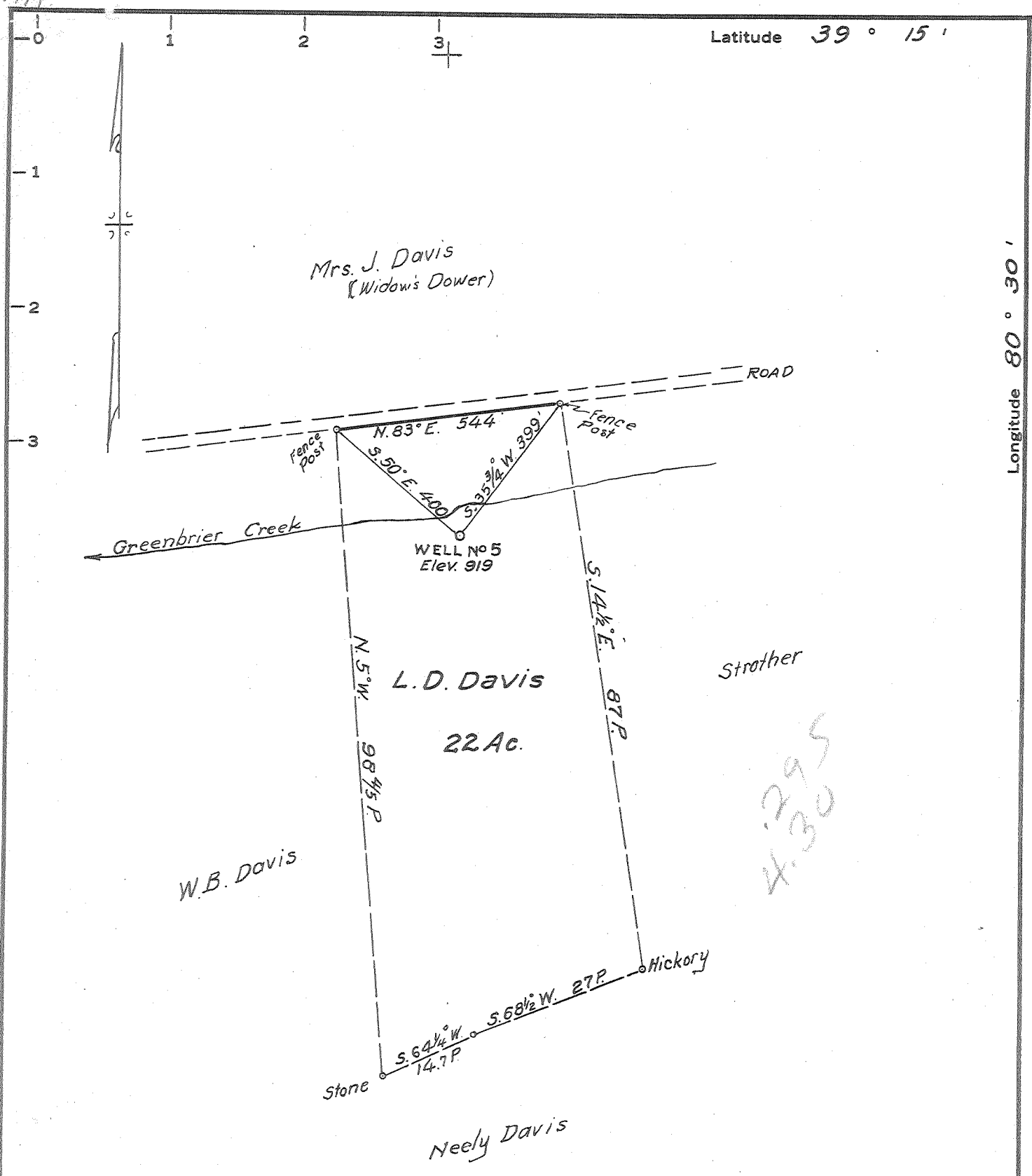
STATE OF WEST VIRGINIA
 DEPARTMENT OF MINES
 OIL AND GAS DIVISION
 CHARLESTON

WELL LOCATION MAP
 FILE NO. DOD-1187-FRAC. -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.

JUL 05 1969



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Elev. 957

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Company Bower & Longfellow - C.O. Bower, Agt.
 Address Box 214, Grantsville, W. Va.
 Farm L. D. Davis
 Tract _____ Acres 22 Lease No. _____
 Well (Farm) No. 5 Serial No. _____
 Elevation (Spirit Level) 919
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STATE OF WEST VIRGINIA
DEPARTMENT OF MINES
OIL AND GAS DIVISION

- Rotary
- Spudder
- Cable Tools
- Storage

Quadrangle

Permit No. DOD-1187 Fracture

WELL RECORD

Oil or Gas Well Oil
(KIND)

Company Bower & Longfellow
 Address Grantville, West Virginia
 Farm L.D. Davis Acres 22
 Location (waters) GreenBrier Creek
 Well No. 5 Elev.
 District Greenbrier County Doddridge
 The surface of tract is owned in fee by
 Address
 Mineral rights are owned by L. D. Davis Hrs.
 Address
 Drilling commenced Old well, no drilling
 Drilling completed 3-21-1902
 Date Shot 3-21-02 From To
 With Don't know

Casing and Tubing	Used in Drilling	Left in Well	Packers
Size			
16			Kind of Packer.....
13			
10			Size of
8 1/4		189	
6 5/8		2175	Depth set.....
5 3/16			
4 1/2		631	
3			Perf. top.....
2	<u>Tubing</u>	2734	Perf. bottom.....
Liners Used			Perf. top.....
			Perf. bottom.....

Open Flow /10ths Water in Inch
 /10ths Merc. in Inch
 Volume Cu. Ft.
 Rock Pressure lbs. hrs.
 Oil bbls., 1st 24 hrs.

Attach copy of cementing record.
 CASING CEMENTED SIZE 4 1/2 No. Ft. 631 Date
 Amount of cement used (bags) 40
 Name of Service Co. Dowell
 COAL WAS ENCOUNTERED AT FEET INCHES
 FEET INCHES
 FEET INCHES

WELL ACIDIZED (DETAILS)
 WELL FRACTURED (DETAILS) 700 Bbls. water - 25000 sand.

RESULT AFTER TREATMENT (Initial open Flow or bbls.) 10 Bbls.
 ROCK PRESSURE AFTER TREATMENT 250 lbs. HOURS 24 hours
 Fresh Water Feet 625 ft. Salt Water Feet
 Producing Sand Gordon Sand Depth 2755

Formation	Color	Hard or Soft	Top	Bottom	Oil, Gas or Water	Depth	Remarks
This was an old well drilled 1902 March 21. We do not have any records of drilling, all we did was clean out the well and run 4 1/2 in. pipe and cement it in, then fracture same. We left 631 ft. of 4 1/2 in. pipe from depth of 2705 up into 6 5/8 casing, to 2036 ft., the total depth of well 2755 ft.							

