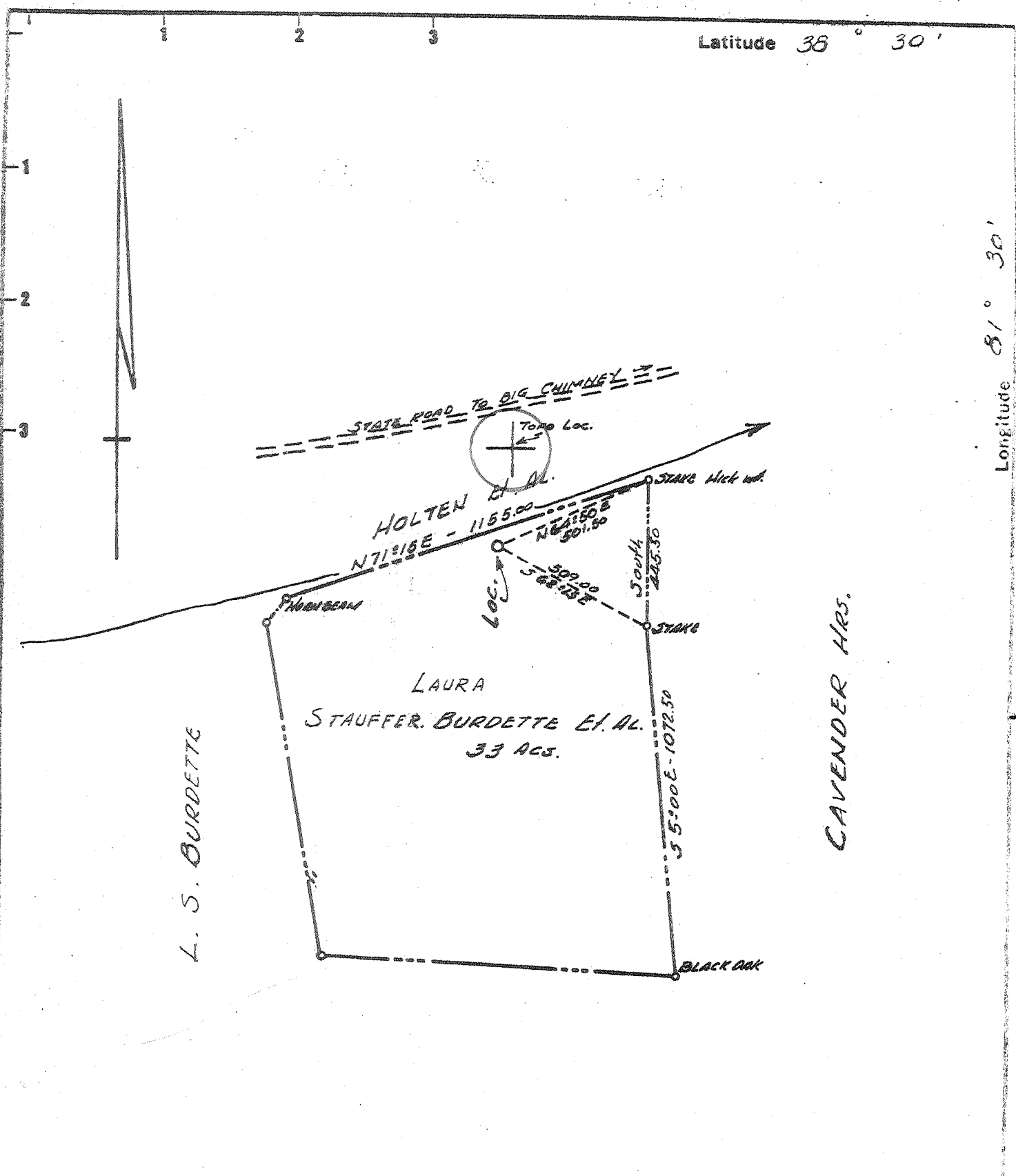


Latitude 38° 30'

Longitude 81° 30'



Fracture	<input type="checkbox"/>
Before 6/5/27	<input checked="" type="checkbox"/>
New Location	<input checked="" type="checkbox"/>
Drill Deeper	<input type="checkbox"/>
Redrill	<input type="checkbox"/>
Abandonment	<input checked="" type="checkbox"/>

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 5 of the Rules and Regulations of the Oil and Gas Section of the Mining Laws of West Virginia.

The accuracy of this survey is within the limits and as prescribed in paragraph 5 by the Oil and Gas Division of the Department of Mines Regulations.

PROVEN ELEVATION 1505 AM 211 661 BRIDGE COMPANY

Big "B" Drilling Company - Box 20, Sissonville, W.Va. 25320  
 Company ~~BRIDGE COMPANY~~  
 Address ~~211 661 BRIDGE COMPANY~~  
 Farm LAURA STAUFFER BURDETTE ET AL.  
 Tract \_\_\_\_\_ Acres 33 Lease No. \_\_\_\_\_  
 Well (Farm) No. 1 Serial No. \_\_\_\_\_  
 Elevation (Spirit Level) 697.02  
 Quadrangle CHARLESTON NE  
 County KANAWHA District ELK  
 Engineer V. L. Sifton  
 Engineer's Registration No. 1832  
 File No. \_\_\_\_\_ Drawing No. \_\_\_\_\_  
 Date Feb 6-22-68 Scale 1" = 400'

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

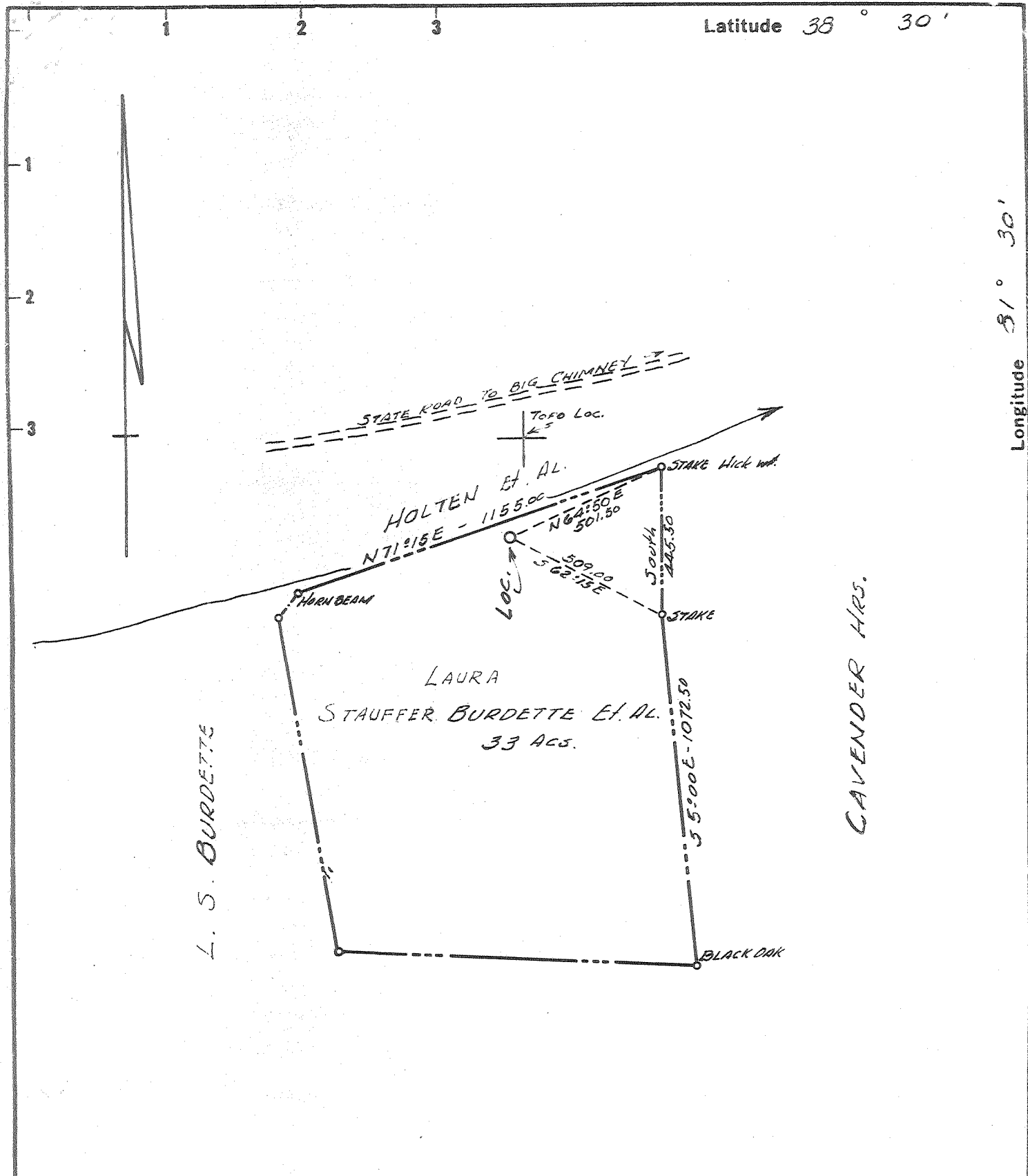
WELL LOCATION MAP  
 FILE NO. KAN-2277-P

+ 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.

DEEP well

OCT 17 1973



Fracture   
 Before 6/5/27   
 New Location   
 Drill Deeper   
 Redrill   
 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 5 of the Rules and Regulations of the Oil and Gas Section of the Mining Laws of West Virginia.  
 The accuracy of this survey is within the limits and as prescribed in paragraph 5 by the Oil and Gas Division of the Department of Mines Regulations.  
**PROVEN ELEVATION 1565 BM 661 BRIDGE Coopers**

Company SANFORD E. MCGORMICK  
 1204 TENN GAS BLDG.  
 Address HOUSTON, TEXAS 77002  
 Farm LAURA STAUFFER BURDETTE ET AL.  
 Tract \_\_\_\_\_ Acres 33 Lease No. \_\_\_\_\_  
 Well (Farm) No. 1 Serial No. \_\_\_\_\_  
 Elevation (Spirit Level) 697.02  
 Quadrangle CHARLESTON NE  
 County KANAWHA District ELK  
 Engineer V. L. Sefton  
 Engineer's Registration No. 1832  
 File No. \_\_\_\_\_ Drawing No. \_\_\_\_\_  
 Date 1st 6-22-68 Scale 1" = 400'

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

**WELL LOCATION MAP**  
 FILE NO. KAN-2277

+ 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 WELLS DIVISION

Rotary   
Spudder   
Cable Tools   
Storage

Quadrangle Charleston  
Permit No. KAN-2277

WELL RECORD

Oil or Gas Well Gas  
(KIND)

Company <u>Sanford E. McCormick</u>	Casing and Tubing	Used in Drilling	Left in Well	Packers
Address <u>1204 Tenneco Bldg., Houston, Texas</u>	Size			
Farm <u>Laura Stauffer Burdette, et al</u> Acres <u>33</u>				Kind of Packer <u>None</u>
Location (waters) <u>Five Mile Fork, Coopers Creek</u>	<u>16</u>	<u>200</u>	<u>200</u>	Size of
Well No. <u>One (1)</u> Elev. <u>710 KB</u>	<u>16 13 3/8</u>	<u>1653</u>	<u>1653</u>	Depth set
District <u>Elk</u> County <u>Kanawha</u>	<u>16 9 5/8</u>			Perf. top
The surface of tract is owned in fee by <u>Laura S. Burdette, et al, Rt. 5, Box 322, Charleston, W. Va.</u>	<u>8 1/4</u>	<u>5494</u>	<u>5494</u>	Perf. bottom
Mineral rights are owned by <u>Laura S. Burdette, et al, Rt. 5, Box 322, Address, Charleston, W. Va.</u>	<u>5 3/16</u>			Perf. top
Drilling commenced <u>July 3, 1968</u>	<u>4 1/2</u>			Perf. bottom
Drilling completed <u>July 29, 1968</u>	<u>3</u>		<u>5601</u>	
Date Shot <u>Not</u> From _____ To _____	<u>2 3/8"</u>			
With _____	Liners Used _____			

Attach copy of cementing record. (SEE REVERSE SIDE)

Open Flow _____ /10ths Water in _____ Inch	CASING CEMENTED _____ SIZE _____ No. Ft. _____ Date _____
_____ /10ths Merc. in _____ Inch	Amount of cement used (bags) _____
Volume _____ Cu. Ft.	Name of Service Co. _____
Rock Pressure _____ lbs. _____ hrs.	COAL WAS ENCOUNTERED AT _____ FEET _____ INCHES
Oil _____ bbls., 1st 24 hrs.	_____ FEET _____ INCHES _____ FEET _____ INCHES
WELL ACIDIZED (DETAILS) <u>NO</u>	_____ FEET _____ INCHES _____ FEET _____ INCHES

WELL FRACTURED (DETAILS) Not fractured  
Calculated open flow from 4 point test - 8.5 MMCFD Natural 8,500 Mcf  
8,500, etc.

RESULT AFTER TREATMENT (Initial open Flow or bbls.) _____	HOURS <u>72 hours</u>
ROCK PRESSURE AFTER TREATMENT <u>XXXXXX</u> <u>2275</u>	Fresh Water _____ Feet _____ Salt Water _____ Feet _____
Producing Sand <u>Newburg Sand</u>	Depth <u>5572 - 5589</u>

Formation	Color	Hard or Soft	Top	Bottom	Oil, Gas or Water	Depth	Remarks
Sand & Shale			Surface	545			
Sand			545	600			
Shale			600	650			
Sand			650	680	<u>5572</u>	<u>5572</u>	
Shale			680	715	<u>710</u>	<u>4783</u>	
Sand			715	765	<u>4862</u>	<u>789</u>	
Shale			765	775			
Sand			775	925			
Shale			925	930			
Sand			930	1125			
Shale			1125	1175			
Sand			1175	1240			
Shale			1240	1275			
Maxon			1275	1340			
Little Lime			1340	1373			
Pencil Cave			1373	1390			
Big Lime			1390	1530			
Shale			1530	1540			
Anjun			1540	1575			
Shale			1575	1975			
Coffee Shale			1975	1985			
Berea Horizon			1985	---			
Shale			1985	4680			
Corniferous Limestone			4680	4783			
Oriskany Sandstone			4783	4821			
Limestone & Dolomite			4821	5572			
Newburg Sand			5572	5589	<u>Gas</u>		
Dolomite	<u>Mckenzie</u>		5589	5621			
TOTAL DEPTH				5621			



Formation	Color	Hard or Soft	Top / 0	Bottom	Oil, Gas or Water	Depth Found	Remarks
<u>CEMENTING RECORD</u>							
<u>Casing</u>	<u>Depth</u>	<u>Date</u>	<u>Amount</u>	<u>Company</u>			
13 3/8"	200	7-5-68	428 cu.ft.	Dowell			
9 5/8"	1653	7-12-68	258 cu.ft.	Dowell			
7"	5494	7-27-68	216 cu.ft.	Dowell			

Date March 25, 1969

APPROVED \_\_\_\_\_, Owner

By James G. Smith  
(Title)