

- Fracture Before 6/5/27
- New Location
- Drift 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 U.S.G.S. ELK 710 ROAD INTERSECTION

Big "B" Drilling Company - Box 20 - Slissonville, W.Va. 25320

Company ~~Big B Drilling Co.~~

Address ~~1000 Main St. Charleston, W.Va.~~

Farm G. L. ASHCRAFT

Tract \_\_\_\_\_ Acres 125 Ac. Lease No. \_\_\_\_\_

Well (Farm) No. 1 Serial No. \_\_\_\_\_

Elevation (Spirit Level) 702.4'

Quadrangle CHARLESTON NE

County KANAWHA District ELK

Engineer N. J. Sefton

Engineer's Registration No. 1032

File No. \_\_\_\_\_ Drawing No. \_\_\_\_\_

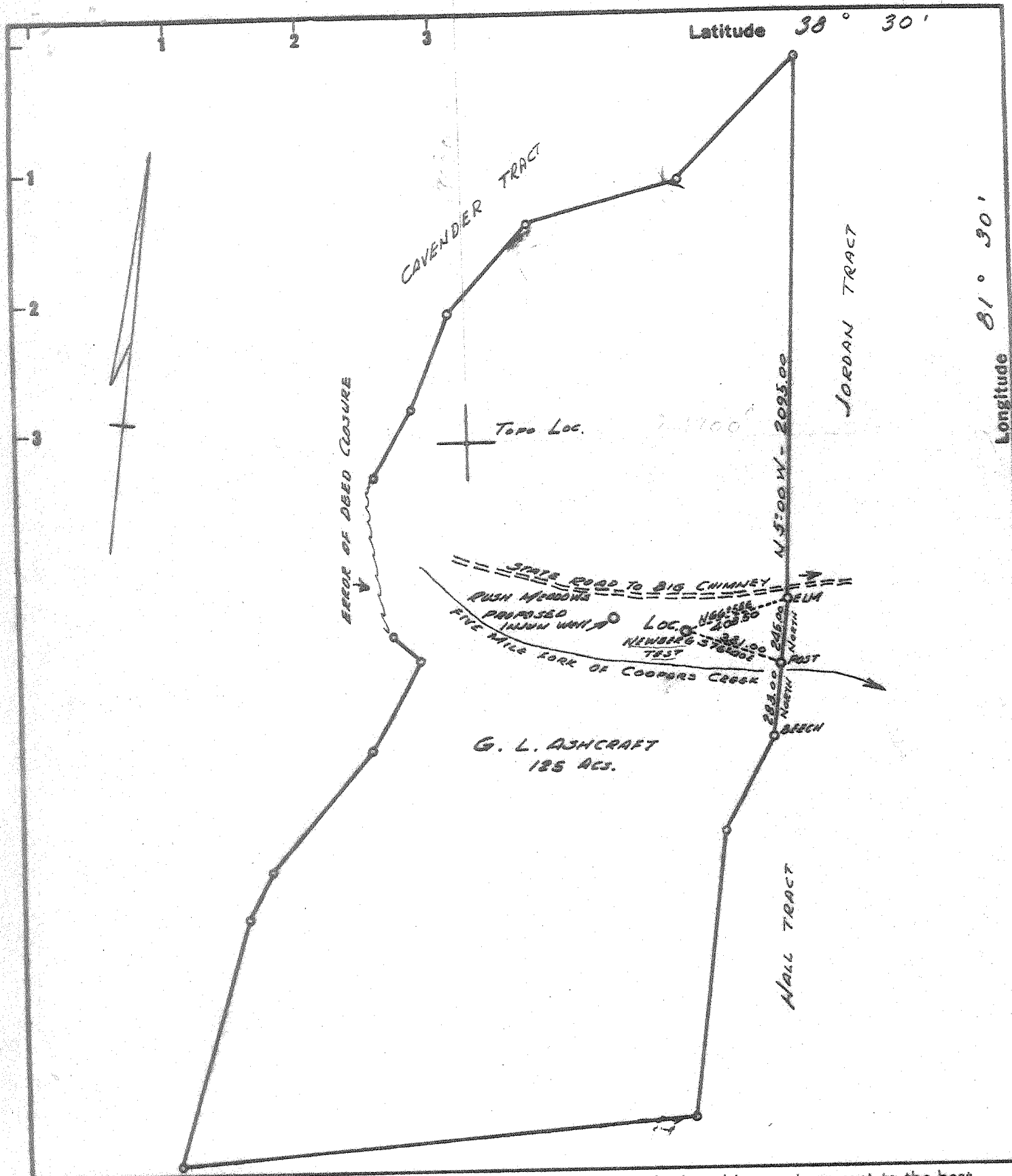
Date 5-11-60 Scale 1" = 500'

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

**WELL LOCATION MAP**  
FILE NO. KAN-2260-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.



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Company JANFORD E. MCCORMICK  
 Address 1204 - TENN. GAS BLDG. HOUSTON, TEXAS, 77002  
 Farm G. L. ASHCRAFT  
 Tract \_\_\_\_\_ Acres 125 Ac. Lease No. \_\_\_\_\_  
 Well (Farm) No. 1 Serial No. \_\_\_\_\_  
 Elevation (Spirit Level) 702.4'  
 Quadrangle CHARLESTON *NE*  
 County KANAWHA District ELK  
 Engineer N. J. Sefton  
 Engineer's Registration No. 1032  
 File No. \_\_\_\_\_ Drawing No. \_\_\_\_\_  
 Date 5-11-68 Scale 1" = 500'

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

WELL LOCATION MAP  
 FILE NO. KAN-2260

⊕ 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-2260

WELL RECORD

Oil or Gas Well. Gas  
(KIND)

Company Sanford E. McCormick  
Address 1204 Tenneco Bldg., Houston, Texas  
Farm G. L. Ashcraft Acres 125  
Location (waters) Five mile Fork, Coopers Creek  
Well No. One (1) Elev. 716' KB  
District Elk County Kanawha  
The surface of tract is owned in fee by G. L. Ashcraft  
Rt. 5, Box 323 Address Charleston, W.Va.  
Mineral rights are owned by G. L. Ashcraft  
Rt. 5, Box 323 Address Charleston, W.Va.  
Drilling commenced May 23, 1968  
Drilling completed June 5, 1968  
Date Shot Not From          To           
With         

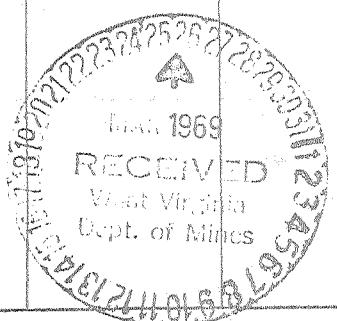
| Casing and Tubing | Used in Drilling | Left in Well | Packers                    |
|-------------------|------------------|--------------|----------------------------|
| Size              |                  |              | Kind of Packer <u>None</u> |
| 16                |                  |              |                            |
| 13 3/8"           | 158              | 158          |                            |
| 10 5/8"           | 1670             | 1670         | Size of                    |
| 8 1/4"            |                  |              |                            |
| 6 7/8"            | 5547             | 5547         | Depth set                  |
| 5 3/16"           |                  |              |                            |
| 4 1/2"            |                  |              |                            |
| 3                 |                  |              | Perf. top <u>5601</u>      |
| 2 3/8"            |                  | 5603         | Perf. bottom <u>5603</u>   |
| 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.  
WELL ACIDIZED (DETAILS) No  
WELL FRACTURED (DETAILS) Not fractured  
Calculated open flow from 4 point test - 7.1 MMCFD Natural 7,100,000 7,100 MCF  
RESULT AFTER TREATMENT (Initial open Flow or bbls.)           
ROCK PRESSURE 2270 HOURS 72 hrs.  
Fresh Water          Feet  
Producing Sand Newburg Sand Salt Water          Feet  
Depth 5568 - 5583

| Formation           | Color           | Hard or Soft | Top     | Bottom | Oil, Gas or Water | Depth | Remarks |
|---------------------|-----------------|--------------|---------|--------|-------------------|-------|---------|
| and & Shale         |                 |              | Surface | 791    |                   |       |         |
| and                 |                 |              | 791     | 1122   |                   |       |         |
| hale                |                 |              | 1122    | 1128   |                   |       |         |
| and                 |                 |              | 1128    | 1175   |                   |       |         |
| hale                |                 |              | 1175    | 1196   |                   |       |         |
| and                 |                 |              | 1196    | 1256   |                   |       |         |
| hale                |                 |              | 1256    | 1312   |                   |       |         |
| axon                |                 |              | 1312    | 1352   |                   |       |         |
| ittle Lime          |                 |              | 1352    | 1390   |                   |       |         |
| encil Cave          |                 |              | 1390    | 1408   |                   |       |         |
| ig Lime             |                 |              | 1408    | 1552   |                   |       |         |
| njun                |                 |              | 1552    | 1594   |                   |       |         |
| hale                |                 |              | 1594    | 1992   |                   |       |         |
| offee Shale         |                 |              | 1992    | 2007   |                   |       |         |
| erea Horizon        |                 |              | 2007    | ----   |                   |       |         |
| hale                |                 |              | 2007    | 4690   |                   |       |         |
| orniferous L.S.     |                 |              | 4690    | 4788   |                   |       |         |
| riskany Sand        |                 |              | 4788    | 4830   |                   |       |         |
| imestone & Dolomite |                 |              | 4830    | 5568   |                   |       |         |
| Newburg Sand        |                 |              | 5568    | 5583   | Gas               |       |         |
| olomite             |                 |              | 5583    | 5608   |                   |       |         |
| TOTAL DEPTH         | <u>McKenzie</u> |              |         | 5608   |                   |       |         |

(OVER)

5608  
4830  
778 exp. Seotage



APR 08 1969

| Formation               | Color        | Hard or Soft | Top           | 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"                 | 158          | 5-24-68      | 125 sx.       | Dowell         |                   |             |         |
| 9 5/8"                  | 1670         | 5-29-68      | 150 sx.       | Dowell         |                   |             |         |
| 7"                      | 5547         | 6-3-68       | 150 sx.       | Dowell         |                   |             |         |

Date MARCH 25, 1968

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

By [Signature]  
(Title)