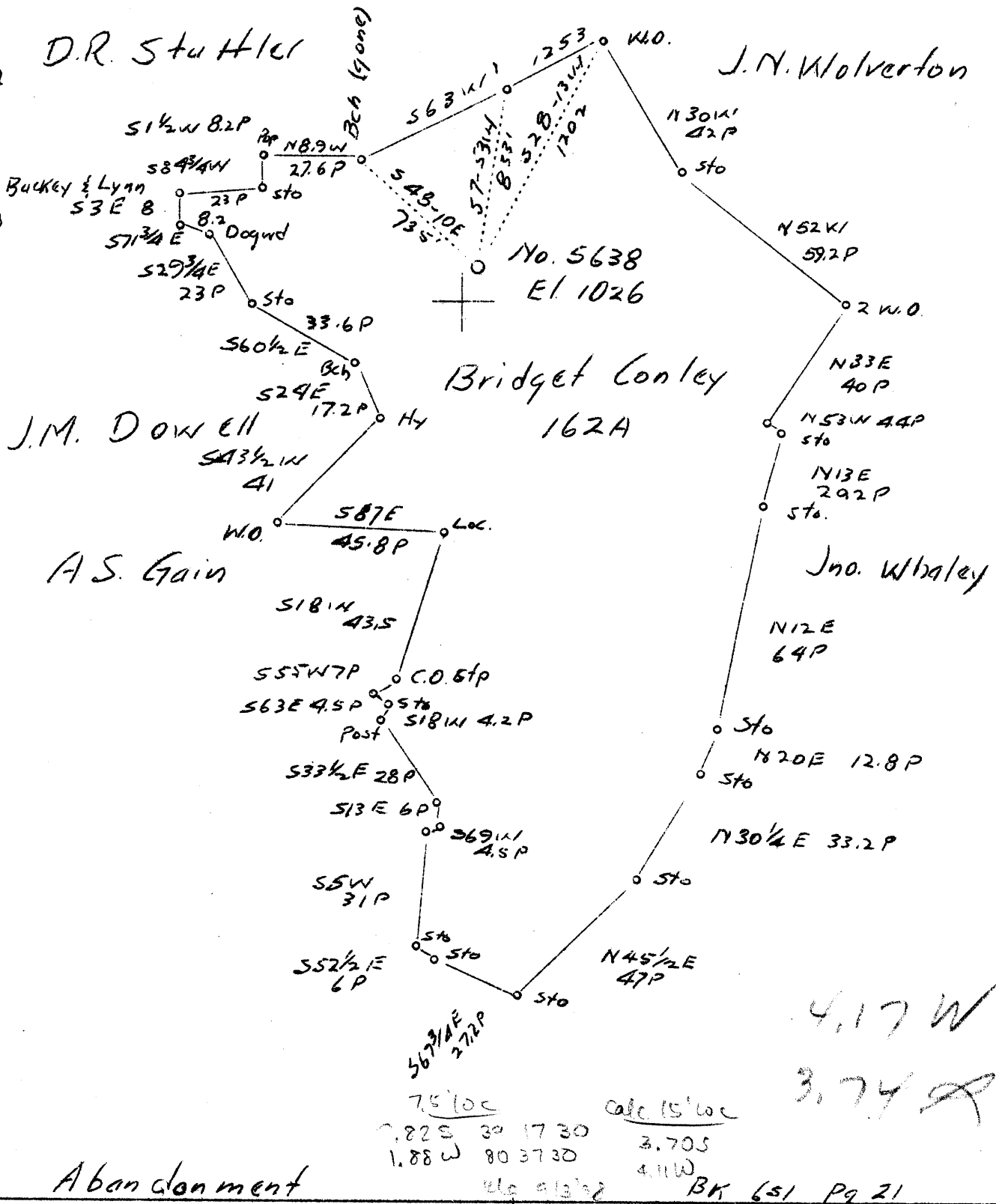


A. J. Frum

D.R. Stutler

J.N. Wolverton



Abandonment

Company Hope Natural Gas Co.
 Address Clarksburg, W.Va.
 Farm Bridget Conley
 Tract 1 Acres 162A Lease No. 26637
 Well (Farm) No. 1 Serial No. 5638
 Elevation (Spirit Level) 1026
 Quadrangle Centerpoint
 County Doddridge District Grant
 Engineer J.A. Clark
 Engineer's Registration No. 744
 File No. Drawing No.
 Date Aug. 20, 1937 Scale 1"-40P.

STATE OF WEST VIRGINIA
 Department of Mines
 OIL AND GAS DIVISION
 CHARLESTON

WELL LOCATION MAP

File No. DODD-198A
 181A

+ 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.

WEST VIRGINIA DEPARTMENT OF MINES
OIL AND GAS DIVISION

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WELL RECORD

Permit No. 960-181-A

Oil or Gas Well Gas
(Kind)

Company Hope Natural Gas Company
 Address Clarksburg, W. Va.,
 Farm Bridget Conley Acres 162
 Location (waters) Buckeye Fork
 Well No. 5638 Elev. 1026
 District Grant County Doddridge
 The surface of tract is owned in fee by.....
 Address.....
 Mineral rights are owned by.....
 Address.....
 Drilling commenced 11-17-1919
 Drilling completed 1-24-1920
 Date shot 1-31-1920 Depth of shot 1944-1949
 Open Flow /10ths Water in..... Inch
 /10ths Merc. in..... Inch
 Volume..... Cu. Ft.
 Rock Pressure..... lbs..... hrs.
 Oil..... bbls., 1st 24 hrs.
 Fresh water None recorded feet..... feet
 Salt water 1480 feet..... feet

| Casing and Tubing | Used in Drilling | Left in Well | Packers |
|-------------------|------------------|--------------|---------------------|
| Size | | | Kind of Packer..... |
| 16..... | | | |
| 13..... | <u>210</u> | <u>None</u> | Size of..... |
| 10..... | <u>1090</u> | <u>1090</u> | |
| 8 1/4..... | <u>1890</u> | <u>1890</u> | Depth set..... |
| 6 5/8..... | | | |
| 5 3/16..... | | | |
| 3..... | <u>1984</u> | <u>None</u> | Perf. top..... |
| 2..... | | | Perf. bottom..... |
| Liners Used..... | | | Perf. top..... |
| | | | Perf. bottom..... |

CASING CEMENTED..... SIZE..... No. FT..... Date
Not cemented
 COAL WAS ENCOUNTERED AT 500 FEET 36 INCHES
587 FEET 60 INCHES..... FEET..... INCHES
 FEET..... INCHES..... FEET..... INCHES

| Formation | Color | Hard or Soft | Top | Bottom | Oil Gas or Water | Depth Found | Remarks |
|---|-------|---------------|------------------|-------------|------------------|------------------|---------|
| Native Coal | | | 500 | 503 | | | |
| Pittsburgh Coal | | | 587 | 592 | | | |
| Little Dunkard Sand | | Soft | 885 | 890 | | | |
| Big Dunkard Sand | | Hard | 1135 | 1175 | | | |
| Gas Sand | | " | 1240 | 1300 | | | |
| First Salt Sand | | " | 1349 | 1380 | | | |
| " | | " | 1420 | 1520 | water | 1480 | |
| Second Salt Sand | | " | 1580 | 1700 | | | |
| Maxon Sand | | " | 1800 | 1830 | | | |
| Little Lime | | " | 1855 | 1880 | | | |
| Pencil Cave | | Soft | 1880 | 1890 | | | |
| Big Lime | | Hard | 1890 | 1931 | | | |
| Big Injun Sand | | | 1931 | 2030 | Gas | 1941-1948 | |
| Berea Sand | | Broken | 2151 | 2250 | Oil | 1948-1950 | |
| Gantz Sand | | " | 2275 | 2350 | | | |
| Originally drilled to depth of | | | 2743 | | | | |
| Lower hole abandoned, filled and plugged to present total depth | | | 1993' | | | | |

| Formation | Color | Hard or Soft | Top | Bottom | Oil, Gas or Water | Depth Found | Remarks |
|-----------|-------|--------------|-----|--------|-------------------|-------------|---------|
| | | | | | | | |

Date..... August 20,, 19.. 37

APPROVED Hope Natural Gas Company....., Owner

By..... *[Signature]*
 (Title) Asst. General Supt.

Grant District, Doddridge County, W. Va. Dodd 1814
 By Hope Natural Gas Co., Clarksburg, W. Va.
 On 162 acres, on Buckeye Fork.
 Elevation, 1026' L.
 Drilling commenced 11-17-1919; completed, 1-24-1920. (Deepening).
 Shot 1-31-1920, at 1944-1949'.
 No fresh water recorded; salt water at 1480'.
 10" casing, 210' (pulled); 8", 1090'; 6", 1890'; 2" tubing, 1984'
 (pulled).
 Casing not cemented.
 Coal was encountered at 500-503 and 587-592'.
 Gas well. Abandonment reported to Dept. of Mines Aug. 20, 1937.
 Record to RCF from D. G. Courtney 2-1-38.

| | Top. | Bottom. |
|---|------|---------|
| Native coal | 500 | - 503 |
| Pittsburgh Coal | 587 | - 592 |
| Little Dunkard Sand, soft | 885 | - 890 |
| Big Dunkard Sand, hard | 1135 | - 1175 |
| Gas Sand, hard | 1240 | - 1300 |
| First Salt Sand, hard | 1349 | - 1380 |
| First Salt Sand, hard (water, 1480') | 1420 | - 1520 |
| Second Salt Sand, hard | 1580 | - 1700 |
| Maxton Sand, hard | 1800 | - 1830 |
| Little Lime, hard | 1855 | - 1880 |
| Pencil Cave, soft | 1880 | - 1890 |
| Big Lime, hard | 1890 | - 1931 |
| Big Injun Sand (gas, 1941-1948'; oil, 1948-1950') | 1931 | - 2030 |
| Berea Sand, broken | 2151 | - 2250 |
| Gantz Sand, broken | 2275 | - 2350 |
| Originally drilled to depth of | | 2743 |
| Lower holes abandoned, filled and plugged to present total depth | | 1993 |