



New Location
 Drill Deeper
 Abandonment

| | | | |
|-----------------------------|----------------------------------|------------|--------|
| Company | SOUTHEASTERN GAS CO. | | |
| Address | UNION BLDG. - CHARLESTON, W. VA. | | |
| Farm | WARD H. BETTS | | |
| Tract | Acres | Lease No. | |
| | 125 | 2254 | |
| Well (Farm) No. | 4 | Serial No. | 649 |
| Elevation (Spirit Level) | 781' | | |
| Quadrangle | ARNOLDSBURG | | |
| County | CALHOUN | District | CENTER |
| Engineer | JOHN W. HAMILTON | | |
| Engineer's Registration No. | 2274 | | |
| File No. | Drawing No. | | |
| Date | AUG. 16, 1959 | | |
| Scale | 1" = 400' | | |

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

WELL LOCATION MAP
 FILE NO. CAL - 366-A

+ 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.

WARD H. BETTS 125A (649) - SOUTHEASTERN GAS CO. - CAL-366-A



Well No. 649
Lease No. 2254

516

STATE OF WEST VIRGINIA
DEPARTMENT OF MINES
OIL AND GAS DIVISION

Quadrangle Arnoldsburg

Permit No. None 356-A

WELL RECORD

Oil or Gas Well Gas
(KIND)

Company Southeastern Gas Company
Address Box 2347, Charleston, West Virginia
Farm Betts Heirs Acres 135
Location (waters) Little Kanawha River
Well No. 649 Elev. 835
District Center County Calhoun
The surface of tract is owned in fee by _____
Address _____
Mineral rights are owned by W. H. Betts Est.
Address (list on back)

Drilling commenced _____
Drilling completed November 4, 1927
Date Shot _____ From _____ To _____
With _____
Open Flow _____ /10ths Water in _____ Inch
14 /10ths Merc. in 2 1/2" Inch
Volume 914 M Cu. Ft.
Rock Pressure _____ lbs. _____ hrs.
Oil _____ bbls., 1st 24 hrs.
WELL ACIDIZED _____
WELL FRACTURED _____

| Casing and Tubing | Used in Drilling | Left in Well | Packers |
|-------------------|------------------|--------------|----------------|
| Size | | | Kind of Packer |
| 16 | | | |
| 13 | | | |
| 10 | | | Size of |
| 8 1/4 | | | |
| 6 5/8 | 1562' | 1562' | Depth set |
| 5 3/16 | | | |
| 3 | | | Perf. top |
| 2 | 1690' | 1690' | Perf. bottom |
| Liners Used | | | Perf. top |
| | | | Perf. bottom |

CASING CEMENTED _____ SIZE _____ No. Ft. _____ Date _____
COAL WAS ENCOUNTERED AT _____ FEET _____ INCHES
_____ FEET _____ INCHES _____ FEET _____ INCHES
_____ FEET _____ INCHES _____ FEET _____ INCHES

RESULT AFTER TREATMENT _____
ROCK PRESSURE AFTER TREATMENT _____
Fresh Water _____ Feet _____ Salt Water _____ Feet _____

| Formation | Color | Hard or Soft | Top | Bottom | Oil, Gas or Water | Depth | Remarks |
|--|-------|--------------|-----|--------|-------------------|-------|---------|
| Total Depth | | | | 1690' | | (C) | |
| THIS IS ALL THE INFORMATION AVAILABLE. | | | | | | | |

SEP 1959
RECEIVED
WEST VIRGINIA
DEPT. OF MINES
MAR 26 1960

| Formation | Color | Hard or Soft | Top | Bottom | Oil, Gas or Water | Depth Found | Remarks |
|---|-------|--------------|-----|--------|-------------------|-------------|---------|
| <p>A. H. Betts 2114 Anna Baxter Street Joplin, Missouri</p> <p>Leola J. Barthlome, Agt. P. O. Box 109 Webb City, Missouri</p> <p>Fenton J. Betts, Agt. Harrisville, W. Va.</p> <p>Pearl Betts Grantsville, W. Va.</p> | | | | | | | |

Date _____, 19__

APPROVED _____, Owner

By _____
(Title)