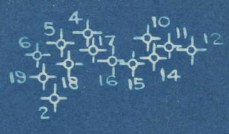


|     |                  |   |     |                  |    |    |
|-----|------------------|---|-----|------------------|----|----|
| 0   | 1                | 2 | 3   | Latitude         | 38 | 15 |
| #19 | 2.89 S<br>2.28 W |   | #18 | 2.81 S<br>2.15 W |    |    |
| #2  | 3.00 S<br>2.21 W |   | #10 | 2.69 S<br>1.72 W |    |    |
| #5  | 2.71 S<br>2.18 W |   | #11 | 2.73 S<br>1.61 W |    |    |
| #4  | 2.67 S<br>2.03 W |   | #12 | 2.75 S<br>1.50 W |    |    |
| #16 | 2.80 S<br>1.91 W |   | #14 | 2.80 S<br>1.70 W |    |    |
| #17 | 2.95 S<br>2.01 W |   |     |                  |    |    |



Longitude 81 55



- LIN - 648-A - #19
- LIN - 658-A - #2
- LIN - 729-A - #5
- LIN - 734-A - #4
- LIN - 735-A - #16
- LIN - 736-A - #17
- LIN - 737-A - #18
- LIN - 746-A - #10
- LIN - 747-A - #11
- LIN - 749-A - #12
- LIN - 750-A - #14
- LIN - 753-A - #15

|     |                  |
|-----|------------------|
| #15 | 2.82 S<br>1.81 W |
|-----|------------------|

New Location   
 Drill Deeper   
 Abandonment

Company W. VA. PIPE PROJECT  
 Address P. O. Box 2452, TULSA, OKLA.  
 Farm J. W. STEPHENS (U.I.)  
 Tract Acres 155 Lease No. 71117  
2,4,5,6,10,11,12  
 Well (Farm) No. 14,15,16,17,18,19 Serial No. \_\_\_\_\_  
 Elevation (Spirit Level) SEE ABOVE  
 Quadrangle MADISON  
 County LINCOLN District DUVAL  
 Engineer PAULE JOACHIM  
 Engineer's Registration No. 669  
 File No. 44-49 Drawing No. \_\_\_\_\_  
 Date MARCH 5, 1949 Scale 1" = 800'

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

WELL LOCATION MAP  
 FILE NO. 043-648-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.

"IMPERIAL" TRACING CLOTH  
 K & E CO., N. Y.

Duval District, Lincoln County, W. Va.  
Big Creek Oil & Dev. Co.  
1/2 mile north of Snowden.  
Elevation, 935'.

729A  
on plot  
645A

|   | Top. | Bottom. | Thickness. |
|---|------|---------|------------|
| Conductor                               | 0    | - 15    | 15         |
| Slate                                   | 15   | - 160   | 145        |
| Sand                                    | 160  | - 300   | 140        |
| Slate                                   | 300  | - 400   | 100        |
| Sand                                    | 400  | - 900   | 500        |
| Slate                                   | 900  | - 970   | 70         |
| Salt Sand (hole full of water at 1070') | 970  | - 1605  | 635        |
| Slate                                   | 1605 | - 1625  | 20         |
| Red rock                                | 1625 | - 1645  | 20         |
| Slate                                   | 1645 | - 1670  | 25         |
| Black lime                              | 1670 | - 1720  | 50         |
| Pencil Cave                             | 1720 | - 1730  | 10         |
| Big Lime                                | 1730 | - 1910  | 180        |
| Big Injun Sand                          | 1910 | - 1960  | 50         |
| Slate                                   | 1960 | - 2060  | 100        |
| Lime shells                             | 2060 | - 2180  | 120        |
| Slate                                   | 2180 | - 2397  | 217        |
| Black slate                             | 2397 | - 2417  | 20         |
| Berea Sand (oil)                        | 2417 | - 2435  | 18         |



Completed no inspection

995

STATE OF WEST VIRGINIA  
DEPARTMENT OF MINES  
OIL AND GAS DIVISION

WELL RECORD

Permit No. 79-A

Oil or Gas Well Oil  
(KIND)

Company West Virginia Pipe Project  
 Address Box 2452, Tulsa, Oklahoma  
 Farm J. W. Stephens (U. T.) Acres 155  
 Location (waters) \_\_\_\_\_  
 Well No. 5 Elev. 958'  
 District Duval County Lincoln  
 The surface of tract is owned in fee by \_\_\_\_\_  
 Address \_\_\_\_\_  
 Mineral rights are owned by \_\_\_\_\_  
 Address \_\_\_\_\_  
 Drilling commenced \_\_\_\_\_  
 Drilling completed May 13, 1909  
 Date Shot May 14, 1909 From \_\_\_\_\_ To \_\_\_\_\_  
 With 70 qts.  
 Open Flow /10ths Water in \_\_\_\_\_ Inch  
 /10ths Merc. in \_\_\_\_\_ Inch  
 Volume \_\_\_\_\_ Cu. Ft.  
 Rock Pressure \_\_\_\_\_ lbs. \_\_\_\_\_ hrs.  
 Oil \_\_\_\_\_ bbls., 1st 24 hrs.  
 Fresh water \_\_\_\_\_ feet \_\_\_\_\_ feet  
 Salt water \_\_\_\_\_ feet \_\_\_\_\_ feet

| Casing and Tubing | Used in Drilling | Left in Well | Packers              |
|-------------------|------------------|--------------|----------------------|
| Size              |                  |              |                      |
| 16                |                  |              | Kind of Packer _____ |
| 13                |                  |              | Size of _____        |
| 10                |                  |              | Depth set _____      |
| 8 1/4             |                  |              | Perf. top _____      |
| 6 3/8             | <u>1730'</u>     |              | Perf. bottom _____   |
| 5 3/16            |                  |              | Perf. top _____      |
| 3                 |                  |              | Perf. bottom _____   |
| 2                 | <u>2429'</u>     |              |                      |
| Liners Used       |                  |              |                      |

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

| Formation   | Color | Hard or Soft | Top  | Bottom | Oil, Gas or Water | Depth Found | Remarks |
|-------------|-------|--------------|------|--------|-------------------|-------------|---------|
| Salt Sand   |       |              | 970  | 1605   |                   |             |         |
| Little Lime |       |              | 1670 | 1720   |                   |             |         |
| Pencil Cave |       |              | 1720 | 1730   |                   |             |         |
| Big Lime    |       |              | 1730 | 1910   |                   |             |         |
| Big Injun   |       |              | 1910 | 1980   |                   |             |         |
| Brown Shale |       |              | 2397 | 2417   |                   |             |         |
| Berea       |       |              | 2417 | 2435   |                   |             |         |

