

NOTES:  
 THIS MAP IS FOR WELL LOCATION PURPOSES ONLY & DOES NOT REPRESENT A COMPLETE BOUNDARY SURVEY. NO WATER WELLS OR HOUSES WITHIN 200'.

(+) DENOTES LOCATION OF WELL ON UNITED STATES TOPOGRAPHIC MAPS (7 1/2")

FILE NO. \_\_\_\_\_  
 DRAWING NO. 7314  
 SCALE 1" = 400'  
 MINIMUM DEGREE OF ACCURACY 1/2500  
 PROVEN SOURCE OF ELEVATION USGS BM DISK SET  
IN TOP NE END OF SE HEADWALL 22' SE OF CENTERLINE OF RT. 21 STAMPED T-103

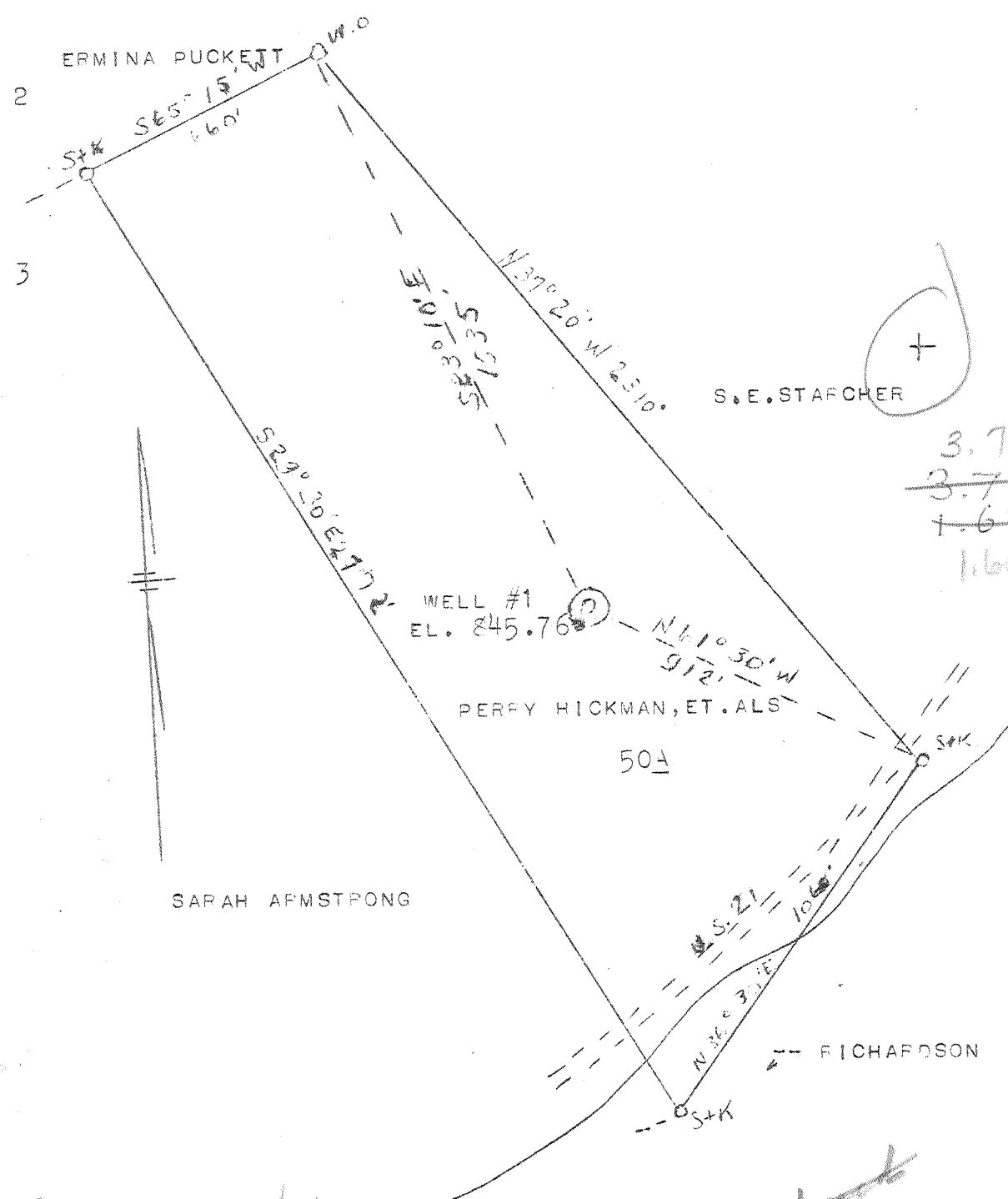
I THE UNDERSIGNED, HEREBY CERTIFY THAT THIS PLAT IS CORRECT TO THE BEST OF MY KNOWLEDGE AND BELIEF AND SHOWS ALL THE INFORMATION REQUIRED BY LAW AND THE REGULATIONS ISSUED AND PRESCRIBED BY THE DIVISION OF ENVIRONMENTAL PROTECTION.  
 (SIGNED) [Signature]  
 R.P.E. \_\_\_\_\_ L.L.S. 2153

PLACE SEAL HERE

|  |  |   |  |
|--|--|---|--|
| STATE OF WEST VIRGINIA<br>DIVISION OF ENVIRONMENTAL PROTECTION<br>SECTION OF OIL & GAS   |  | DATE <u>APRIL 29</u> , 20 <u>09</u><br>OPERATOR'S WELL NO. <u>7314</u><br>API WELL NO. <u>47 035 000513-W</u><br>STATE <u>47</u> COUNTY <u>035</u> PERMIT <u>000513-W</u>   |  |
| WELL TYPE: OIL <input type="checkbox"/> GAS <input checked="" type="checkbox"/> LIQUID INJECTION <input type="checkbox"/> WASTE DISPOSAL <input type="checkbox"/><br>(IF "GAS,") PRODUCTION <input type="checkbox"/> STORAGE <input checked="" type="checkbox"/> DEEP <input type="checkbox"/> SHALLOW <input type="checkbox"/>  |  | COUNTY NAME <u>JACKSON</u>  |  |
| LOCATION: ELEVATION <u>810.02</u> WATER SHED <u>SYCAMORE CREEK</u><br>DISTRICT <u>RIPLEY</u> COUNTY <u>JACKSON</u><br>QUADRANGLE <u>RIPLEY</u> COORDINATES LAT: <u>38° 51' 17"</u> LONG: <u>81° 41' 57"</u>  |  | SURFACE OWNER <u>REVA M. &amp; RICHARD H. FERRELL HEIRS</u> ACREAGE <u>50.00</u><br>ORIGINAL OIL & GAS ROYALTY OWNER <u>PERRY HICKMAN</u> LEASE ACREAGE <u>50.00</u><br>COAL OWNER _____ LEASE NO. <u>1052330</u> |  |
| PROPOSED WORK: DRILL <input type="checkbox"/> CONVERT <input type="checkbox"/> DRILL DEEPER <input type="checkbox"/> REDRILL <input type="checkbox"/> FRACTURE OR STIMULATE <input type="checkbox"/> PLUG OFF OLD FORMATION <input type="checkbox"/> PERFORATE NEW FORMATION <input type="checkbox"/> OTHER PHYSICAL CHANGE IN WELL (SPECIFY) _____ STORAGE RECONDITION <input type="checkbox"/> |  | PERMIT <u>513</u>   |  |
| PLUG AND ABANDON <input type="checkbox"/> CLEAN OUT AND REPLUG <input type="checkbox"/>  |  | TARGET FORMATION _____ ESTIMATED DEPTH _____  |  |
| WELL OPERATOR <u>COLUMBIA GAS TRANSMISSION CORP</u> DESIGNATED AGENT <u>PAUL AMICK</u><br>ADDRESS <u>PO BOX 1273, CHARLESTON, WV 25325-1273</u> ADDRESS <u>PO BOX 1273, CHARLESTON, WV 25325-1273</u>  |  | SEP 04 2009   |  |

LATITUDE 38° 55'

LONGITUDE 81° 40'



3.74-S  
~~3.79-S~~  
~~1.62-W~~  
 1.60-W

Revised 07/54  
 NEW LOCATION X  
 DRILL DEEPER  
 ABANDONMENT

*Abandoned  
 April 52*

COMPANY TELEEN OIL & GAS CO.  
 ADDRESS RIPLEY, W. VA.  
 FARM PERPY HICKMAN ET ALS  
 TRACT \_\_\_\_\_ ACRES 50 LEASE NO \_\_\_\_\_  
 WELL (FARM) NO. 1 SERIAL NO \_\_\_\_\_  
 ELEVATION (SPIRIT LEVEL) 845.76  
 QUADRANGLE RIPLEY - WC  
 COUNTY JACKSON DISTRICT RIPLEY  
 ENGINEER L. F. DYE  
 ENGINEER'S REGISTRATION NO. 804  
 FILE NO. \_\_\_\_\_ DRAWING NO \_\_\_\_\_  
 DATE 1-29-46 SCALE 1" = 400'

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

WELL LOCATION MAP

FILE NO. JAC - 513-W

+ 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.

9-0-1946

Deep Well ✓



STATE OF WEST VIRGINIA  
DEPARTMENT OF MINES  
OIL AND GAS DIVISION

WELL RECORD

Ripley

Permit No. JAC-513

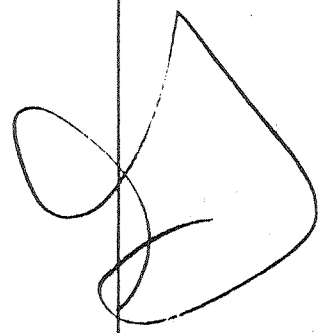
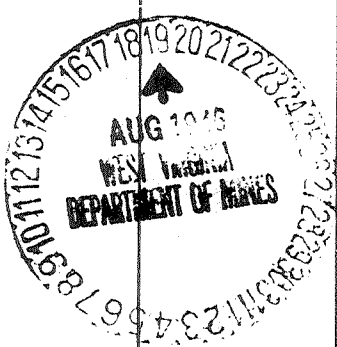
Oil or Gas Well Gas  
(KIND)

Company Carter Oil and Gas Company  
Address Ripley, West Virginia  
Farm Perky Hickman Acres 58  
Location (waters) \_\_\_\_\_  
Well No. \_\_\_\_\_ Elev. 815  
District Ripley County Jackson  
The surface of tract is owned in fee by \_\_\_\_\_  
Address \_\_\_\_\_  
Mineral rights are owned by Carter Hickman  
and others Address Ripley, W. Va.  
Drilling commenced March 17, 1946  
Drilling completed May 28, 1946  
Date Shot \_\_\_\_\_ From \_\_\_\_\_ To \_\_\_\_\_  
With \_\_\_\_\_  
Open Flow 5/10ths Water in \_\_\_\_\_ Inch  
18/10ths Merc. in 6 5/8 Inch  
Volume 5786000 Cu. Ft.  
Rock Pressure 1600 lbs. \_\_\_\_\_ hrs.  
Oil \_\_\_\_\_ bbls., 1st 24 hrs.  
Fresh water \_\_\_\_\_ feet \_\_\_\_\_ feet  
Salt water 1775 feet 1825 feet

| Casing and Tubing | Used in Drilling  | Left in Well | Packers        |
|-------------------|-------------------|--------------|----------------|
| Size              |                   |              |                |
| 16                |                   |              | Kind of Packer |
| 18 <u>693</u>     | <u>pulled out</u> |              |                |
| 10 <u>1134</u>    | ..                | ..           | Size of        |
| 8 1/2 <u>2110</u> | <u>left in</u>    |              |                |
| 6 3/4 <u>4900</u> | ..                | ..           | Depth set      |
| 5 3/16            |                   |              |                |
| 3                 |                   |              | Perf. top      |
| 2 <u>4892</u>     | ..                | ..           | Perf. bottom   |
| Liners Used       |                   |              | Perf. top      |
|                   |                   |              | Perf. bottom   |

CASING CEMENTED 6 5/8 SIZE No. Ft. \_\_\_\_\_ Date \_\_\_\_\_  
12 bags behind pipe  
COAL WAS ENCOUNTERED AT \_\_\_\_\_ FEET \_\_\_\_\_ INCHES  
\_\_\_\_\_ FEET \_\_\_\_\_ INCHES FEET \_\_\_\_\_ INCHES  
\_\_\_\_\_ FEET \_\_\_\_\_ INCHES FEET \_\_\_\_\_ INCHES

| Formation   | Color | Hard or Soft | Top | Bottom | Oil, Gas or Water | Depth Found | Remarks |
|-------------|-------|--------------|-----|--------|-------------------|-------------|---------|
| Red Rock    |       |              | 0   | 20     |                   |             |         |
| Slate       |       |              | 20  | 50     |                   |             |         |
| Sand        |       |              | 50  | 90     |                   |             |         |
| Red Rock    |       |              | 90  | 120    |                   |             |         |
| Slate       |       |              | 120 | 200    |                   |             |         |
| Red Rock    |       |              | 200 | 230    |                   |             |         |
| Slate       |       |              | 230 | 335    |                   |             |         |
| Red Rock    |       |              | 335 | 355    |                   |             |         |
| Sand        |       |              | 355 | 395    |                   |             |         |
| Lime        |       |              | 395 | 425    |                   |             |         |
| Slate       |       |              | 425 | 470    |                   |             |         |
| Sand        |       |              | 470 | 500    |                   |             |         |
| Red Rock    |       |              | 500 | 515    |                   |             |         |
| Slate       |       |              | 515 | 550    |                   |             |         |
| Red Rock    |       |              | 550 | 570    |                   |             |         |
| Slate       |       |              | 570 | 590    |                   |             |         |
| Sand        |       |              | 590 | 660    |                   |             |         |
| Slate White |       |              | 660 | 670    |                   |             |         |



| Formation     | Color | Hard or Soft | Top  | Bottom | Oil, Gas or Water | Depth Found | Remarks |
|---------------|-------|--------------|------|--------|-------------------|-------------|---------|
| Slate         | Black |              | 670  | 680    |                   |             |         |
| Slate         |       |              | 680  | 730    |                   |             |         |
| Sand          |       |              | 730  | 750    |                   |             |         |
| Slate         |       |              | 750  | 765    |                   |             |         |
| Sand          |       |              | 765  | 780    |                   |             |         |
| Slate         |       |              | 780  | 840    |                   |             |         |
| Sand          |       |              | 840  | 875    |                   |             |         |
| Slate         |       |              | 875  | 880    |                   |             |         |
| Red Rock      |       |              | 880  | 940    |                   |             |         |
| Slate         |       |              | 940  | 990    |                   |             |         |
| Red Rock      |       |              | 990  | 1030   |                   |             |         |
| Slate         |       |              | 1030 | 1045   |                   |             |         |
| Red Rock      |       |              | 1045 | 1060   |                   |             |         |
| Slate         |       |              | 1060 | 1070   |                   |             |         |
| Sand          |       |              | 1070 | 1090   |                   |             |         |
| Slate         |       |              | 1090 | 1280   |                   |             |         |
| Sand          |       |              | 1280 | 1299   |                   |             |         |
| Slate         |       |              | 1299 | 1390   |                   |             |         |
| Sand          |       |              | 1390 | 1440   |                   |             |         |
| Black Slate   |       |              | 1440 | 1480   |                   |             |         |
| Sand          |       |              | 1480 | 1515   |                   |             |         |
| Slate         |       |              | 1515 | 1725   |                   |             |         |
| Salt Sand     |       |              | 1725 | 1825   |                   |             |         |
| Slate         |       |              | 1825 | 1840   |                   |             |         |
| Big Lime      |       |              | 1840 | 1990   |                   |             |         |
| White Slate   |       |              | 1990 | 2025   |                   |             |         |
| Engine Sand   |       |              | 2025 | 2050   |                   |             |         |
| Slate Black   |       |              | 2050 | 2060   |                   |             |         |
| Sand          |       |              | 2060 | 2157   |                   |             |         |
| Slate         |       |              | 2157 | 2478   |                   |             |         |
| Brown Shale   |       |              | 2478 | 2490   |                   |             |         |
| Berea Brit    |       |              | 2490 | 2505   |                   |             |         |
| Slate         |       |              | 2505 | 3150   |                   |             |         |
| Shell         |       |              | 3150 | 3155   |                   |             |         |
| Slate         |       |              | 3155 | 3720   |                   |             |         |
| Shale         |       |              | 3720 | 3850   |                   |             |         |
| Slate         |       |              | 3850 | 4070   |                   |             |         |
| Shale         |       |              | 4070 | 4275   |                   |             |         |
| White Slate   |       |              | 4275 | 4670   |                   |             |         |
| Shale         |       |              | 4670 | 4889   |                   |             |         |
| Cornif. Lime  |       |              | 4889 | 4991   |                   |             |         |
| Criskany Sand |       |              | 4991 | 5007   |                   |             |         |

Date 8-15, 1944

APPROVED E. M. Reynolds, Owner

By \_\_\_\_\_ (Title)



STATE OF WEST VIRGINIA  
DEPARTMENT OF MINES  
OIL AND GAS DIVISION

1955

Quadrangle Ripley

Permit No. Jac.-513-R

WELL RECORD

Oil or Gas Well Storage  
(KIND)

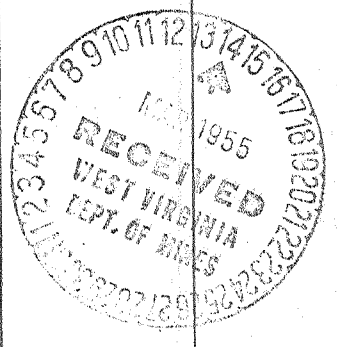
Company United Fuel Gas  
Address Box 1273, Charleston, W. Va.  
Farm Perry Hickman #1 Acres 50  
Location (waters) Lt. Fk. of Sycamore Creek  
Well No. X-59-7314 Elev. 845.76  
District Ripley County Jackson  
The surface of tract is owned in fee by \_\_\_\_\_  
Address \_\_\_\_\_  
Mineral rights are owned by Meriam H. Amos, et al  
Address Fairview, W. Va.  
Drilling commenced 7-13-54  
Drilling completed 7-27-54  
Date Shot \_\_\_\_\_ From \_\_\_\_\_ To \_\_\_\_\_  
With \_\_\_\_\_  
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 1745 feet 1825 feet

| Casing and Tubing | Used in Drilling | Left in Well | Packers        |
|-------------------|------------------|--------------|----------------|
| Size              |                  |              | Kind of Packer |
| 16                |                  |              |                |
| 18                |                  |              |                |
| 10                |                  |              | Size of        |
| 8 1/2             |                  |              |                |
| 6                 |                  |              | Depth set      |
| 5 3/16            |                  |              |                |
| 4 1/2             | <u>4931'</u>     | <u>4931'</u> | Perf. top      |
| 2                 |                  |              | 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

| Formation         | Color | Hard or Soft | Top  | Bottom | Oil, Gas or Water | Depth Found | Remarks |
|-------------------|-------|--------------|------|--------|-------------------|-------------|---------|
| Red Rock          |       |              | 0    | 20     |                   |             |         |
| Slate             |       |              | 20   | 50     |                   |             |         |
| Sand              |       |              | 50   | 90     |                   |             |         |
| Red Rock          |       |              | 90   | 120    |                   |             |         |
| Slate             |       |              | 120  | 200    |                   |             |         |
| Red Rock          |       |              | 200  | 230    |                   |             |         |
| Slate             |       |              | 230  | 335    |                   |             |         |
| Red Rock          |       |              | 335  | 355    |                   |             |         |
| Sand              |       |              | 355  | 395    |                   |             |         |
| Lime              |       |              | 395  | 425    |                   |             |         |
| Slate             |       |              | 425  | 470    |                   |             |         |
| Sand              |       |              | 470  | 500    |                   |             |         |
| Red Rock          |       |              | 500  | 515    |                   |             |         |
| Slate             |       |              | 515  | 550    |                   |             |         |
| Red Rock          |       |              | 550  | 570    |                   |             |         |
| Slate             |       |              | 570  | 590    |                   |             |         |
| Sand - 19 P.H.S.? |       |              | 590  | 660    |                   |             |         |
| White Slate       |       |              | 660  | 670    |                   |             |         |
| Black Slate       |       |              | 670  | 680    |                   |             |         |
| Slate             |       |              | 680  | 730    |                   |             |         |
| Sand              |       |              | 730  | 750    |                   |             |         |
| Slate             |       |              | 750  | 765    |                   |             |         |
| Sand              |       |              | 765  | 780    |                   |             |         |
| Slate             |       |              | 780  | 840    |                   |             |         |
| Sand              |       |              | 840  | 875    |                   |             |         |
| Slate             |       |              | 875  | 880    |                   |             |         |
| Red Rock          |       |              | 880  | 940    |                   |             |         |
| Slate             |       |              | 940  | 990    |                   |             |         |
| Red Rock          |       |              | 990  | 1030   |                   |             |         |
| Slate             |       |              | 1030 | 1045   |                   |             |         |
| Red Rock          |       |              | 1045 | 1060   |                   |             |         |
| Slate             |       |              | 1060 | 1070   |                   |             |         |
| Sand              |       |              | 1070 | 1090   |                   |             |         |
| Slate             |       |              | 1090 | 1280   |                   |             |         |
| Sand              |       |              | 1280 | 1299   |                   |             |         |
| Slate             |       |              | 1299 | 1390   |                   |             |         |
| Sand              |       |              | 1390 | 1440   |                   |             |         |
| Black Slate       |       |              | 1440 | 1480   |                   |             |         |
| Sand              |       |              | 1480 | 1515   |                   |             |         |



(Over)

| Formation        | Color | Hard or Soft | Top  | Bottom | Oil, Gas or Water | Depth Found | Remarks |
|------------------|-------|--------------|------|--------|-------------------|-------------|---------|
| Slate            |       |              | 1515 | 1725   |                   |             |         |
| Salt Sand        |       |              | 1725 | 1825   |                   |             |         |
| Slate            |       |              | 1825 | 1840   |                   |             |         |
| Big Lime         |       |              | 1840 | 1990   |                   |             |         |
| White Slate      |       |              | 1990 | 2025   |                   |             |         |
| Injun Sand       |       |              | 2025 | 2050   |                   |             |         |
| Slate Break      |       |              | 2050 | 2060   |                   |             |         |
| Sand             |       |              | 2060 | 2157   |                   |             |         |
| Slate            |       |              | 2157 | 2478   |                   |             |         |
| Brown Shale      |       |              | 2478 | 2490   |                   |             |         |
| Berea Grit       |       |              | 2490 | 2505   |                   |             |         |
| Slate            |       |              | 2505 | 3150   |                   |             |         |
| Shell            |       |              | 3150 | 3155   |                   |             |         |
| Slate            |       |              | 3155 | 3720   |                   |             |         |
| Shale            |       |              | 3720 | 3850   |                   |             |         |
| Slate            |       |              | 3850 | 4070   |                   |             |         |
| Shale            |       |              | 4070 | 4275   |                   |             |         |
| White Slate      |       |              | 4275 | 4670   |                   |             |         |
| Shale            |       |              | 4670 | 4889   |                   |             |         |
| Corniferous Lime | 463   |              | 4889 | 4991   |                   |             |         |
| Oriskany Sand    |       |              | 4991 | 5007   |                   |             |         |
| Total Depth      | 475   |              |      | 5011'  | SLM               |             |         |

Date March 11, 19 55

UNITED FUEL GAS CO., Owner

APPROVED

By R. H. Ferrell