

Minimum Error of Closure $1''$ IN 200'

Source of Elevation CONSOLIDATED GAS SUPPLY CORP.

WELL NO 1476 ELEVATION 1015'

"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 6 of the rules and regulations of the oil and gas section of the mining laws of West Virginia."

- Fracture
- New Location
- Drill Hoop
- Abandonment

MAPS HT 52; 510-WI, FB 551 P 31

Company CONSOLIDATED GAS SUPPLY CORP.
 Address CLARKSBURG, WEST VA.
 Farm SUSAN SADDLER
 Tract Area 250 Lease No. 33766
 Well (Farm) No. _____ Serial No. 2153
 Elevation (spot level) 1123'
 Quadrangle CENTERPOINT 5 C
 County DODD HOPE WV GRANT
 Engineer JACKSON M. DAVIS
 Engineer's Registration No. 1397
 File No. _____ Drawing No. _____
 Date APRIL 6, 1964 WV CLARKSBURG

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

WELL LOCATION MAP

FILE NO. DODD 1964

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 drawing.

1756 10

Well No. 2156
 Located on Lease No. 22766 - 750 acres James D. Miller
 District Grant County Dickinson State N.D.
 Location Made 2-13-18 First Work Done 2-27-18
 Rig Commenced 4-5-18 Rig Completed 4-22-18
 Drilling Commenced 4-23-18 Drilling Completed 6-24-18
 Rig Contractor Heinrich Gas Co Drilling Contractor Heinrich Gas Co
 Drillers ... Tool Dressers ...

| FORMATION | TOP | BOTTOM | Steel Line Measurements | Water Found Depth | Oil Found Depth | Gas Found Depth | REMARKS |
|------------|------|----------|-------------------------|-------------------|-----------------|-----------------|-------------------------------------|
| Live Coal | 328 | 330 | 530 | | | | |
| Thin Coal | | | | | | | |
| De Dunkard | 1250 | 1275 | | | | | No De Dunkard |
| Dunkard | | | 1353 | | | | |
| St Salt | 1588 | 1620 | | 1645 | | | 6' thin salt |
| Sand Salt | 1660 | 1770 | | | | | Sand 1829-1865 |
| Iron | 1845 | 2007 | | 1885 | | | 2 Barrels Salt Water, bit heavy |
| Blue Line | 2085 | 2121 | | | | | Coal 2000-2019 |
| Oil Cave | 2121 | 2124 | | | | | |
| g Line | 2124 | 2140 | 2129 | | | | |
| g Injun | 2140 | 2267 | 2140 | | | 2157 | No water 2" opening |
| Law | | | 2157 | | | 2190 | 2 3/4 water 2" opening |
| rea | 2375 | 2410 | | | | 2224 | No Squaw sand & shells |
| ntz | 2578 | 2618 | | | | | |
| ly Foot | 2642 | 2660 | | | | | |
| irty Foot | 2708 | 2812 | | | | | |
| rdon Stray | 2885 | 2876 | 2885 | | | 2909 | Hole reduced to 5 3/4" at 2885 |
| rdon | 2909 | 2909 | | | | | Best Test from Injun and Gordon |
| urth | | | | | | | Sand showed 2 3/4" water 2" opening |
| ifth | | | | | | | Gordon still at 2909 |
| yard | | | | | | | No further Fifth Sand |
| otal Depth | | 3137 1/2 | 3137 1/2 | | | | |

| SIZE | Charged to Well | | Put in Well | | Pulled Out | | Left in Well | | Transferred Before Completing | | Left at Well Not in Use | | If more than two strings of casing are left in hole, give reasons for leaving additional strings |
|-----------|-----------------|-----|-------------|-----|------------|-----|--------------|-----|-------------------------------|-----|-------------------------|-----|--|
| | Feet | In. | Feet | In. | Feet | In. | Feet | In. | Feet | In. | Feet | In. | |
| 13" Csg. | | | | | | | | | | | | | Will pull 10" Casing after shooting and completing repairs on well |
| 10" " | 596 | 3 | 530 | | | | 530 | | 48 | | 18 | 3 | |
| 8 1/2" " | 1720 | 8 | 1364 | 10 | | | 1364 | 10 | 528 | 7 | 17 | 3 | |
| 6 5/8" " | 2576 | 3 | 2132 | 8 | | | 2132 | 8 | 440 | | 13 | 6 | |
| 5 3/16" " | 3073 | 7 | | | | | | | | | 3073 | 7 | |

PACKER RECORD

| SIZE | KIND | Amount Anchor | Amount Above Anchor | REMARKS |
|----------|-------|---------------|---------------------|--|
| 1-10" | Steel | | | Disc at Bottom 10" casing at 530 ft. St. |
| 1-5 3/4" | " | | | 8 1/4" " " 1353 ft. St. |
| 1-6 3/8" | " | | | 6 5/8" " " 2129 ft. St. |

SHOOTING RECORD (If shot before or upon completion of well)

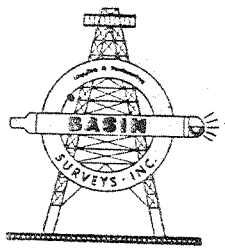
| DATE | Gauge | Top of Shell | Bottom of Shell | Diameter | Seed | Test Before Shot | | | Test After Shot | | | Test Taken After Shot No. Hours | By Whom Shot |
|---------|-------|--------------|-----------------|----------|--------|------------------|--------|---------|-----------------|---------|---------|---------------------------------|--------------|
| | | | | | | Reading | Liquid | Opening | Reading | Liquid | Opening | | |
| 6/27/18 | 15 | 2708 | 2912 | 4 1/2" | Gordon | 2 3/4 water | 2" | 2 3/4 | 2 3/4 | 1980 CF | 48 | Martha | |

CEMENTING RECORD

Date Cemented..... Size Hole Cemented..... Size Casing Cemented.....
 Top Pittsburg Coal..... Top Cementing..... Amount Cement.....
 Bottom Pittsburg Coal..... Bottom Cementing..... Amount Sand.....
 Mr. ... Coal Company on ground when coal was cemented.....
 Remarks: ... Signature of persons who cemented well.....
 Sheets.....

Approved [Signature] Foreman

017-1964



Basin Surveys, Inc.

DENSITY LOG

FILING NO. 1

COMPANY CONSOLIDATED GAS SUPPLY CORP.

T-11192

WELL SUSAN SADDLER # 5156

FIELD GRANT DISTRICT

COUNTY DODDRIDGE ¹⁹⁶⁴ **STATE** W. VA.

LOCATION: Map 54 S-10 W-1
Center Point Quad.
8,000' S of 39° 20'
8,600' W of 80° 35'

OTHER LOGS:

SEC. _____ **TWP.** _____ **RGE.** _____

PERMANENT DATUM Ground Level **ELEV.** 1124'

LOG MEASURED FROM Top 5 1/2" Csg. 1' Above PermDatum

DRILLING MEASURED FROM _____

ELEVATIONS:
KB. _____
DF. _____
GL. 1124'

| | | |
|---------------------------------|--------------------------|---------------------|
| DATE | <u>3-31-71</u> | |
| RUN NO. | <u>One</u> | |
| TYPE LOG | <u>GR/Den/Cal</u> | <u>2" Gamma Ray</u> |
| DEPTH - DRILLER | | |
| DEPTH - LOGGER | | |
| BOTTOM LOGGED INTERVAL | <u>2360' (Did Not Go</u> | <u>2350'</u> |
| TOP LOGGED INTERVAL | <u>1700' to T.D.)</u> | <u>0'</u> |
| TYPE FLUID IN HOLE | <u>Dry</u> | |
| SALINITY PPM CL. | | |
| DENSITY LB./GAL. | | |
| LEVEL | | |
| MAX. REC. TEMP. - DEG. F | <u>77°</u> | |
| OPR. RIG TIME- | <u>2 1/2 Hrs.</u> | |
| RECORDED BY | <u>Daglev</u> | |
| WITNESSED BY | <u>Mr. Yedlosky</u> | |

| RUN NO. | BORE HOLE RECORD | | | CASING RECORD | | | |
|---------|------------------|------|----|----------------|------|----------|--------------|
| | BIT | FROM | TO | SIZE | WGT. | FROM | TO |
| | | | | <u>6 5/8"</u> | | <u>0</u> | <u>2132'</u> |
| | | | | <u>5 5/16"</u> | | <u>0</u> | <u>2156'</u> |
| | | | | | | | |
| | | | | | | | |

EQUIPMENT DATA