



| | |
|--------------|-------|
| 1-N87 1/2°W | 27.7P |
| 2-N71°W | 11P |
| 3-N54°W | 12.5P |
| 4-N2°W | 15.5P |
| 5-N33°N | 479' |
| 6-N29 1/2°W | 203' |
| 7-N57°W | 47' |
| 8-S80°W | 934' |
| 9-N36°W | 308' |
| 10-S65°W | 198' |
| 11-S51 1/2°W | 360' |
| 12-N30°W | 546' |
| 13-N34 1/2°E | 841' |

Minimum Error of Closure 1' IN 200'
 Source of Elevation LEVELS FROM CONSOLIDATED GAS SUPPLY CORP. WELL 3341 ELY. 1150'
 "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."

New Location
 Drill Deeper
 Abandonment

MAP SHEET 56 S23-E14 F.B. 1561 Pg. 7-8.

Company CONSOLIDATED GAS SUPPLY CORP.
 Address CLARKSBURG, WEST VIRGINIA
 Farm M.M.F. RANDOLPH
 Tract _____ Acres 286 1/2 Lease No. 5043
 Well (Farm) No. _____ Serial No. 11224
 Elevation (Spirit Level) 1293'
 Quadrangle WESTON, C.
 County HARRISON District GRANT
 Engineer Jackson M. Jarvis
 Engineer's Registration No. 2397
 File No. _____ Drawing No. _____
MAR 4, 1970 Scale 1" = 1320'

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

WELL LOCATION MAP
 FILE NO. HAR-536

+ 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.



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

Rotary
Spudder
Cable Tools
Storage

Quadrangle WESTON

Permit No. HAR-536

WELL RECORD

Oil or Gas Well Gas (KIND)

Company CONSOLIDATED GAS SUPPLY CORPORATION
Address Clarksburg, West Virginia
Farm M. M. F. Randolph Acres 286
Location (waters) _____
Well No. 11224 Elev. 1293
District Grant County Harrison
The surface of tract is owned in fee by _____
Address _____
Mineral rights are owned by _____
Address _____
Drilling commenced 5-11-70
Drilling completed 5-20-70
Date Shot Not Shot From _____ To _____
With _____
Open Flow /10ths Water in _____ Inch
/10ths Merc. in _____ Inch
Volume 68,000 cubic feet (Natural) Cu. Ft.
Rock Pressure 1040 lbs. 66 hrs.
Oil None bbls., 1st 24 hrs.
WELL ACIDIZED (DETAILS) No
WELL FRACTURED (DETAILS) 8-20-70 with 500 gal. mud acid, 1203 bbl. water, 59,000# sand and 2500 HHP
RESULT AFTER TREATMENT (Initial open Flow or bbls.) 381,000 cubic feet
ROCK PRESSURE AFTER TREATMENT 1060 # HOURS 14 days
Fresh Water 631-670 Feet Damp only Salt Water None Feet _____
Producing Sand Benson Depth 4289-4299

| Casing and Tubing | Used in Drilling | Left in Well | Packers |
|-------------------|------------------|--------------|---------------------------------------|
| Size | | | Kind of Packer |
| 16 | | | |
| 13 | 342 | 342 | |
| 10 | | | Size of |
| 8 1/4 | 1971 | 1971 | |
| 6 5/8 | | | Depth set |
| 5 3/16 | | | |
| 4 1/2 | 4375 | 4375 | |
| 3 | | | Perf. top <u>4289</u> |
| 2 | | | Perf. bottom <u>4299</u> |
| Liners Used | | | Perf. top _____ Perf. bottom _____ |

Attach copy of cementing record. 13" with 350 bags - Lawson
8" with 850 bags - Lawson
CASING CEMENTED. SIZE No. Ft. Date
Amount of cement used (bags) 4 1/2" with 125 bags - Halliburton
Name of Service Co. Lawson & Halliburton
COAL WAS ENCOUNTERED AT 625 FEET 72 INCHES
700 FEET 36 INCHES 755 FEET 60 INCHES
FEET INCHES FEET INCHES

| Formation | Color | Hard or Soft | Top | Bottom | Oil, Gas or Water | Depth | Remarks |
|------------------|-------|--------------|------|--------|-------------------|---------|-----------|
| Sand & red rock | | | 0 | 134 | | | |
| Coal | | | 134 | 135 | | | |
| Sand & shale | | | 135 | 625 | | | |
| Coal | | | 625 | 631 | | | |
| Sand & shale | | | 631 | 700 | water | 631-670 | Damp only |
| Coal | | | 700 | 703 | | | |
| Sand & shale | | | 703 | 755 | | | |
| Coal | | | 755 | 760 | | | |
| Sand & shale | | | 760 | 780 | | | |
| Salt sand | | | 780 | 1100 | | | |
| Sand & red rock | | | 1100 | 1357 | | | |
| Little Lime | | | 1357 | 1375 | Gas | 1373 | Show |
| Red rock & shale | | | 1375 | 1402 | | | |
| Big Lime | | | 1402 | 1485 | | | |
| Big Injun | | | 1485 | 1585 | | | |
| Sand & shale | | | 1585 | 2293 | | | |
| 5th Sand | | | 2293 | 2330 | Gas | 2294-98 | |
| Sand & shale | | | 2330 | 4280 | | | |
| BENSON | | | 4280 | 4296 | Gas | 4287-99 | |
| Total Depth | | | | 4410 | | | |

All measurements taken from K.B. 9' above G.L.

RECEIVED
OCT 14 1970