

Minimum Error of Closure 1' IN 200'
 Source of Elevation LEVELS FROM CONSOLIDATED GAS SUPPLY CORP. WELL 8399 ELV. 1070'
 "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 58 S21-E7 F.B. 1525 Pg. 23-24

Company CONSOLIDATED GAS SUPPLY CORP.
 Address CLARKSBURG, W. VA.
 Farm M. J. LOUGHMILLER
 Tract _____ Acres 151.54 Lease No. 52752
 Well (Farm) No. _____ Serial No. 11160
 Elevation (Spirit Level) 1213'
 Quadrangle WESTON (W.C.)
 County HARRISON District UNION
 Engineer Jackson M. Jarvis
 Engineer's Registration No. 2397
 File No. _____ Drawing No. _____
 Date MAY 5, 1969 Scale 1" = 40P

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

WELL LOCATION MAP
 FILE NO. Har-520

+ 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 **in hole**

39° 15'

Quadrangle WESTON 4-2

Permit No. HAR-520

WELL RECORD

Oil or Gas Well Gas
(KIND)

Company Consolidated Gas Supply Corp.
Address Clarksburg, West Virginia
Farm M. J. Loughmiller Acres 151
Location (waters) _____
Well No. 11160 Elev. 1213
District Union County Harrison
The surface of tract is owned in fee by _____
Address _____
Mineral rights are owned by _____
Address _____

Casing and Tubing	Used in Drilling	Left in Well	Packers
Size			Kind of Packer
16			
13			
11"	22	22	Size of
8 1/4	808	808	
6 3/4			Depth set
5 3/16			
4 1/2	3190	3190	
3			Perf. top <u>3076</u>
2			Perf. bottom <u>3086</u>
Liners Used			Perf. top _____
			Perf. bottom _____

Drilling commenced 7-18-69
Drilling completed 7-25-69
Date Shot Not Shot From _____ To _____
With _____
Open Flow 1/10ths Water in _____ Inch
1/10ths Merc. in _____ Inch
Volume 184,000 cu. ft. Cu. Ft.
Rock Pressure 605 lbs. 1 hrs.
Oil None bbls., 1st 24 hrs.

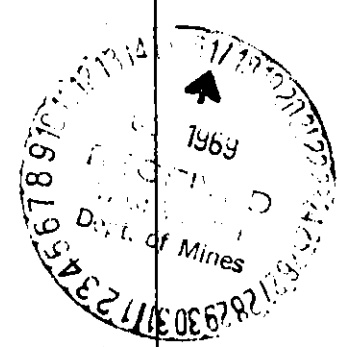
Attach copy of cementing record. 11" with 8 bags - Lawson
8 5/8" with 204 bags - Lawson
CASING CEMENTED SIZE No. Ft. Date
Amount of cement used (bags) 4 1/2" with 900 bags - Halliburton
Name of Service Co. Lawson & Halliburton
COAL WAS ENCOUNTERED AT 50 FEET 60 INCHES
555 FEET 48 INCHES 570 FEET 36 INCHES
920 FEET 48 INCHES 950 FEET 36 INCHES

WELL ACIDIZED (DETAILS) No
WELL FRACTURED (DETAILS) 8-6-69 with 70,000 # Sand, 1000 bbl water, 500 gal acid and 2500 HHP

RESULT AFTER TREATMENT (Initial open Flow or bbls.) 4,861,000 cu. ft. 4,861 MCFGPD
ROCK PRESSURE AFTER TREATMENT 565# HOURS 14 days
Fresh Water 55' Feet Salt Water None Feet
Producing Sand Speechley Depth 3076-3086'

Formation	Color	Hard or Soft	Top	Bottom	Oil, Gas or Water	Depth	Remarks
Shale			0	50			
Coal	EL 1180		50	55	Water	55	
Sand & Shale			55	555			
Coal	EL 654		555	559			
Shale			559	570			
Coal	EL 640		570	573			
Sand & Shale			573	850			
Gas Sand			850	885			
Sand & Shale			885	920			
Coal	EL 289		920	924			
Sand			924	950			
Coal	EL 260		950	953			
Sand & Shale			953	1020			
2nd Salt Sand			1020	1131			
Sand & Shale			1131	1180			
3rd Salt			1180	1255			
Sand & Shale			1255	1495			
Little Lime			1495	1515			
Shale			1515	1545			
Big Lime			1545	1610			
Big Injun	Keener		1610	1675			
Sand & Shale			1675	1870			
Gantz	Beeson		1870	1880			
Sand & Shale			1880	2245			
Gordon			2245	2280			
Sand & Shale			2280	2390			
5th Sand			2390	2415			
Sand & Shale			2415	4402			
Benson			4402	4430	Gas	3076-86'	
Total			4548'				

1213
33



Cemented lower hole 4548-3200' present total Depth (over)