



Minimum Error of Closure 1" IN 200'
 Source of Elevation LEVELS FROM USCG DISC. "E-36 0.8 mi. N. OF JEFFERY IN ROCK WALL ON C&O RAILROAD, ELEV. 782.00"
 "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 5 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 163W 5101 W 68 FIELD BOOK 1767 Pg. 1-5

Company CONSOLIDATED GAS SUPPLY CORP.
 Address CLARKSBURG, WEST VIRGINIA
 Farm SPRUCE BOONE COAL CO.
 Tract Bethlehem Mines Corp. - SURF. 46382
 Acres 1264.99ac Lease No. _____
 Well (Loran) No. _____ Serial No. 11924
 Elevation (April 1975) 1071'
 County LOGAN, (N.E.)
 County BOONE Co. District WASHINGTON
 Surveyor Jackson M. Jarvis
 Engineer's Registration No. 2397
 File No. _____ Drawing No. _____
 Date 11-3-75 Scale 1" = 2000'

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

WELL LOCATION MAP
FILE NO. B00-1056

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.

47-005 MAR 1 1976

3-3 Curry - Jeffery (246)

Deep Well 7032



RECEIVED

AUG 10 1976

STATE OF WEST VIRGINIA
DEPARTMENT OF MINES
Oil and Gas Division

OIL & GAS DIVISION
DEPT. OF MINES

WELL RECORD

Quadrangle LOGAN
BOONE
Permit No. 47-005-1056

Rotary XXX Oil _____
Cable _____ Gas XXX
Recycling _____ Comb. _____
Water Flood _____ Storage _____
Disposal _____ (Kind) _____

Company Consolidated Gas Supply Corporation
Address Clarksburg, W. Va.
Farm Spruce Boone Coal Co. Acres 1264.96
Location (waters) Spruce Fork
Well No. 11924 Elev. 1071'
District Washington County Boone
The surface of tract is owned in fee by _____
Address _____
Mineral rights are owned by _____
Address _____
Drilling Commenced 5-7-76
Drilling Completed 5-17-76
Initial open flow Show cu. ft. _____ bbls.
Final production 139 M cu. ft. per day _____ bbls.
Well open 14 days hrs. before test 535# RP.

Casing and Tubing	Used in Drilling	Left in Well	Cement fill up Cu. ft. (Sks.)
Size 20-16 "	20'	20'	To surface
Cond. 11"	462	462	To surface
9 5/8			
8 5/8	2954'	2954'	100 bags
7			
5 1/2			
4 1/2			
3			
2			
Liners Used			

Well treatment details:

Attach copy of cementing record.

Shot shale with 11,350# Gelatin

Coal was encountered at 57' & 377' Feet 36" & 72" Inches
Fresh water 50' 135' & 300' Feet Salt Water 1414' Feet
Producing Sand Brown Shale Depth 4007-5022'

Formation	Color	Hard or Soft	Top Feet	Bottom Feet	Oil, Gas or Water	* Remarks
Sand & Shale			0	57	Water	50' Fresh
Coal			57	60		
Sand & Shale			60	377	Water	135' Fresh
Coal			377	383	Water	300' Fresh
Sand & Shale			383	1866		
Maxton			1866	1938		
Little Lime			1938	2135		
Big Lime			2138	2363		
Berea			2867	2898		
<u>Brown Shale</u>			4007	5022	Gas	<u>4007-5022</u>
Marcellus			5168	5199		
Onondaga			5199	5251		
Oriskany			5251	5262		
Helderberg			5267	5337		
<u>Bass Island</u>			5337	5384		

Total Depth

5400'

5400
2898
2502 expl. ft.

KBM 9' above G.L.

Consolidated Gas Supply Corporation
1415 West Main Street
Clarksburg, W. Va.

(over)

* Indicates Electric Log tops in the remarks section.

deep

AUG 23 1976

THIS IS AN ESTIMATE ONLY
ACTUAL INFORMATION WILL BE SUBMITTED ON OG-10 UPON COMPLETION

STATUS 05
 PROPOSED WORK ORDER TO XXX DRILL _____ DEEPEN _____ FRACTURE-STIMULATE _____
 DRILLING CONTRACTOR: (If Known) _____ RESPONSIBLE AGENT: _____
 NAME Union Drilling Company NAME R. E. Bayne
 ADDRESS Buckhannon, W. Va. ADDRESS Bridgeport, W. Va.
 TELEPHONE _____ TELEPHONE 623-3611
 ESTIMATED DEPTH OF COMPLETED WELL: 5300' ROTARY XXX CABLE TOOLS _____
 PROPOSED GEOLOGICAL FORMATION: Oriskany
 TYPE OF WELL: OIL _____ GAS XX COMB. _____ STORAGE _____ DISPOSAL _____
Ripps RECYCLING _____ WATER FLOOD _____ OTHER _____

TENTATIVE CASING PROGRAM:

CASING AND TUBING SIZE	USED FOR DRILLING	LEFT IN WELL	CEMENT FILL UP OR SACKS - CUBIC FT.
20 - X6	20'	20'	To surface
13 X10X 11"	150'	150'	To surface
9 - 5/8			
8 - 5/8	1900'	1900'	To surface
7			
5 1/2			
4 1/2	5300'	5300'	125 bags
3			Perf. Top
2			Perf. Bottom
Liners			Perf. Top
			Perf. Bottom

APPROXIMATE FRESH WATER DEPTHS 65' FEET _____ SALT WATER None FEET _____
 APPROXIMATE COAL DEPTHS Various _____
 IS COAL BEING MINED IN THE AREA? None at present BY WHOM? _____

TO DRILL:

SUBMIT FIVE (5) COPIES OF OG - 1, \$100.00 PERMIT FEE, PERFORMANCE BOND AND PERMANENT COPY OF PLAT.

TO DRILL DEEPER OR REDRILL:

SUBMIT FIVE (5) COPIES OF OG - 1, SHOWING ORIGINAL PERMIT NUMBER AND PERFORMANCE BOND. ON WELLS DRILLED PRIOR TO 1929, A PERMANENT COPY OF THE PLAT AND THE ORIGINAL WELL RECORD MUST ALSO BE SUBMITTED.

TO FRACTURE - STIMULATE:

OIL AND/OR GAS WELL ORIGINALLY DRILLED BEFORE JUNE 5, 1929, FIVE (5) COPIES OG - 1, PERFORMANCE BOND, PERMANENT PLAT AND ORIGINAL WELL RECORD.

OIL AND/OR GAS WELL ORIGINALLY DRILLED ON AND/OR AFTER JUNE 5, 1929, FIVE COPIES OG - 1, SHOWING ORIGINAL PERMIT NUMBER, AND PERFORMANCE BOND.

Required forms must be filed within ninety (90) days of completion for bond release. Inspector to be notified twenty-four (24) hours in advance.

The following waiver must be completed by the coal operator if the permit is to be issued within ten days of receipt thereof.

WAIVER: I the undersigned, Agent for _____ Coal Company, Owner or Operator of the coal under this lease have examined and place on our mine maps this proposed well location.

We the _____ Coal Company have no objections to said well being drilled at this location, providing operator has complied with all rules and regulations in Articles 4, 5, and 7, Chapter 22 of the West Virginia Code.

For Coal Company

Official Title