



STATE OF WEST VIRGINIA

MAY 1 3 127.

DEPARTMENT OF MINES

Oil and Gas Division WELL RECORD

Quadrangle BRUCETON Permit No. PRES-185-P	RECORD		Recycling	Gac Dry). Comb. Storage
Company Consolidated Gas Supply Corporation Address Clarksburg, W. Va. Farm Basil V. Taylor Acres 220	Casing and Tubing	Used in Drilling	Left in Well	Cement fill up Cu. ft. (Sks.)
Location (waters) Cheat River Well No. 12086 Elev. 1866 District Valley County Preston	Size 20- PS Cond.	301	301	To surface
The surface of tract is owned in fee by Daugherty Coal Company	13- XX ,	292 1529	292 1529	To surface To surface
Address Terra Alta, W. Va. Mineral rights are owned by Same	8 5/8 7			
Address Drilling Commenced 3-11-77 Drilling Completed 3-211-77	5 1/2 4 1/2	82611	82611	280 bags
Initial open flow 5 M cu. ft bbls. Final production cu. ft. per day bbls.	2 Liners Used			
Well openhrs. before test RP. Well treatment details: Well fractured in Chert with 55,000# sand	Attach copy of	_		
Perforations: 8047' - 8152' with 50 hol	.68			
Coal was encountered at None Feet Fresh water 143 90 Feet Producing Sand Well dry & abandoned	Salt	Water No	ne	Feet

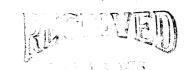
Formation C	Color	Hard or Soft	Top Feet	Bottom Feet	Oil, Gas or	Water * Ren	narks
Sand & Shale Big Lime Weir Gantz Speechley Balltown Bradford Riley Benson Tully Marcellus Onondaga Huntersville Oriskany Helderberg Total Depth	Chert		0 964 1352 1470 2850 3156 3328 3793 4054 7565 7895 8003 8021 8170 8300	964 1026 1372 1493 2876 3165 3416 3806 4066 7640 8003 8021 8170 8300 8327	8003 1866 -6137	43' & 90	3
						Main Street	y Corporation

(over)

^{*} Indicates Electric Log tops in the remarks section.



DEPARTMENT OF MINES



Oil and Gas Division

OIL AND GAS WELL PERMIT APPLICATION

TO THE DEPARTMENT OF MINES, Charleston, W. Va.	DATE December 14, 1976
Surface Owner Hubert L. Huggins	Company Consolidated Gas Supply Corporation
Address Masontown, W. Va.	
	Farm Basil V. Taylor Acres 220
	n WV. Location (waters) Cheat River
Com Owner Daugherty Coal Company	Well No. 12036 Elevation 2000!
Address Terra Alta, WV.	District Valley County Preston
Coal Operator Same	Quadrangle BRUCETON, Valley Pt 74'
Address	·
HIS PERMIT MUST BE POSTED AT THE WELL SITE	
provisions being in accordance with Chapter 22,	
	INSPECTOR
. This permit shall expire if	TO BE NOTIFIED Wm Blosser
erations have not commenced by 4-15-77	ADDRESS Colfax, W. Va.
Total Gitord	PHONE 363-9105
Deputy Director - Oil & Gas Division	THORE
The undersigned well operator is entitled to drill untitle thereto, (or as the case may be) under grant or Taylor made to Consol Gas Sply	upon the above named farm or tract of land for oil and gas, having fee lease dated 7-12-68 19 by Basil V. y Corp. and recorded on the 10th day of August
The undersigned well operator is entitled to drill undersigned well operator is entitled to drill untitle thereto, (or as the case may be) under grant or made to Consol Gas Sply 1968, in Preston County, Book	lease dated 7-12-68
The undersigned well operator is entitled to drill utitle thereto, (or as the case may be) under grant or Taylor made to Consol Gas Sply 1968, in Preston County, Book	
The undersigned well operator is entitled to drill undersigned well operator is entitled to drill untitle thereto, (or as the case may be) under grant or Taylor made to Consol Gas Sply 1958, in Preston County, Book DRILL DEEPE OIL AND GAS WELL ORIGINALLY Drill The enclosed plat was prepared by a registered enchave been notified as of the above date. The above named coal owners and/or operator are	r lease dated 7-12-68 19 by Basil V. y Corp. and recorded on the 10th day of August 1401 Page 1449 ER REDRILL FRACTURE OR STIMULATE ORILLED BEFORE JUNE 5, 1969. Igineer or licensed land surveyor and all coal owners and/or operators hereby notified that any objection they wish to release experience.
The undersigned well operator is entitled to drill untitle thereto, (or as the case may be) under grant or Taylor made to Consol Gas Sply 1968, in Preston County, Book DRILL DEEPE OIL AND GAS WELL ORIGINALLY Drill The enclosed plat was prepared by a registered enchave been notified as of the above date. The above named coal owners and/or operator are to make by Section 3 of the Code, must be received in the code of the code.	r lease dated 7-12-68 19 by Basil V. y Corp. and recorded on the 10th day of August 101 Page 149 ER REDRILL FRACTURE OR STIMULATE ORILLED BEFORE JUNE 5, 1969. Regineer or licensed land surveyor and all coal owners and/or operators hereby notified that any objection they wish to make, or are required by, or filed with the Department of Mines within ten (10) days. *
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The undersigned well operator is entitled to drill utitle thereto, (or as the case may be) under grant or Taylor made to Consol Gas Sply 1968, in Preston County, Book DRILL DEEPE OIL AND GAS WELL ORIGINALLY D The enclosed plat was prepared by a registered enhave been notified as of the above date. The above named coal owners and/or operator are to make by Section 3 of the Code, must be received to Copies of this notice and the enclosed plat were made or coal owners at their above shown respective addressame day with the mailing or delivery of this copy to PLEASE SUBMIT COPIES OF ALL GEOPHYSICAL LOGS DIRECTLY TO: WEST VIRGINIA GEOLOGICAL AND ECONOMIC SURVEY	r lease dated 7-12-68 19 by Basil V. Y Corp. and recorded on the 10th day of August 1401 Page 1419 ER REDRILL FRACTURE OR STIMULATE ORILLED BEFORE JUNE 5, 1969. Recorded that any objection they wish to make, or are required by, or filed with the Department of Mines within ten (10) days. * ailed by registered mail, or delivered to the above named coal operators are ses Same day before, or on the the Department of Mines at Charleston, West Virginia. Very truly yours, (Sign Name) Manager of Pro- Well Operator Address Consolidated Gas Supply Corporation Street
The undersigned well operator is entitled to drill utitle thereto, (or as the case may be) under grant or Taylor made to Consol Gas Sply made to County, Book DRILL DEEPE OIL AND GAS WELL ORIGINALLY DEEPE OIL AND GAS WELL ORIGINALLY DEEPE have been notified as of the above date. The above named coal owners and/or operator are to make by Section 3 of the Code, must be received by the coal owners at their above shown respective addressame day with the mailing or delivery of this copy to PLEASE SUBMIT COPIES OF ALL GEOPHYSICAL LOGS DIRECTLY TO: WEST VIRGINIA GEOLOGICAL AND ECONOMIC SURVEY P. O. BOX 879	r lease dated 7-12-68 19 by Basil V. y Corp. and recorded on the 10th day of August 1401 Page 1419 ER REDRILL FRACTURE OR STIMULATE REILLED BEFORE JUNE 5, 1969. Regineer or licensed land surveyor and all coal owners and/or operators hereby notified that any objection they wish to make, or are required by, or filed with the Department of Mines within ten (10) days. * ailed by registered mail, or delivered to the above named coal operators ailed by registered mail, or delivered to the above named coal operators Same day before, or on the the Department of Mines at Charleston, West Virginia. Very truly yours, (Sign Name) Manager of Pro- Well Operator Consolidated Gas Supply Corporation
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The undersigned well operator is entitled to drill utitle thereto, (or as the case may be) under grant or Taylor made to Consol Gas Sply 1958, in Preston County, Book NEW WELL DRILL DEEPE OIL AND GAS WELL ORIGINALLY DRILL DEEPE OIL AND GAS WELL ORIGINALLY DRILL DEEPE have been notified as of the above date. The above named coal owners and/or operator are to make by Section 3 of the Code, must be received by Copies of this notice and the enclosed plat were mader or coal owners at their above shown respective addressame day with the mailing or delivery of this copy to PLEASE SUBMIT COPIES OF ALL GEOPHYSICAL LOGS DIRECTLY TO: WEST VIRGINIA GEOLOGICAL AND ECONOMIC SURVEY P. O. BOX 879 MORGANTOWN, WEST VIRGINIA 26505 AC-304 - 292-6331	r lease dated 7-12-68 19 by Basil V. y Corp. and recorded on the 10th day of August 1401 Page 1449 ER REDRILL FRACTURE OR STIMULATE RELIED BEFORE JUNE 5, 1969. Igineer or licensed land surveyor and all coal owners and/or operators hereby notified that any objection they wish to make, or are required by, or filed with the Department of Mines within ten (10) days. * ailed by registered mail, or delivered to the above named coal operators are ses Same day before, or on the the Department of Mines at Charleston, West Virginia. Very truly yours, (Sign Name) Well Operator Address of lated Gas Supply Corporation Street City or Town Clarksburg, W. Va.
The undersigned well operator is entitled to drill utitle thereto, (or as the case may be) under grant or Taylor made to Consol Gas Sply 1958, in Preston County, Book DIL AND GAS WELL ORIGINALLY DOLL AND GAS WELL ORIGINAL WEST VIRGINIA GEOLOGICAL AND GEOPHYSICAL LOGS DIRECTLY TO: WEST VIRGINIA GEOLOGICAL AND GEONOMIC SURVEY P. O. BOX 879 MORGANTOWN, WEST VIRGINIA 26505	r lease dated 7-12-68 19 by Basil V. y Corp. and recorded on the 10th day of August 1401 Page 1449 ER REDRILL FRACTURE OR STIMULATE RELIED BEFORE JUNE 5, 1969. Igineer or licensed land surveyor and all coal owners and/or operators hereby notified that any objection they wish to make, or are required by, or filed with the Department of Mines within ten (10) days. * ailed by registered mail, or delivered to the above named coal operators are ses Same day before, or on the the Department of Mines at Charleston, West Virginia. Very truly yours, (Sign Name) Well Operator Address of lated Gas Supply Corporation Street City or Town Clarksburg, W. Va.

*SECTION 3.... If no objections are filed or found by the Department of mines, within said period of ten days from the receipt of notice and plat by the department of mines, to said proposed location, the department shall forthwith issue to the well operator a permit reciting the filing of such plat, that no objections have been made by the coal operators or found thereto by the department and that the same is approved and the well operator authorized to proceed.

BLANKET BOND

PRES-185 PERMIT NUMBER

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

			DEEPEN FRACTURE-STIMULATE			
DRILLING CONTRACTOR: (If I			RESPONSIBLE AGENT: NAME Richard F. Bayne			
NAME Ray Brothers						
ADDRESS Charleston, W.		· · · · · · · · · · · · · · · · · · ·	ADDRESS Bridgeport, W. Va.			
TELEPHONE			-3611			
ESTIMATED DEPTH OF COMPLI	ETED WELL:350!	ROTARY XX	_ CABLE TOOLS			
PROPOSED GEOLOGICAL FORM	ATION: Chert-Oriskan	ıy				
TYPE OF WELL: OIL	GAS <u>yxx</u> (COMBSTORAG	GE DISPOSAL			
	RECYCLI	ING WATER F	LOOD OTHER			
TENTATIVE CASING PROGRAM						
CASING AND TUBING	USED FOR	LUTTIN	CEMENT FILL UP			
SIZE	DRILLING	WHI.	OR SACKS - CUBIC FT.			
20 - 16	errennen in der stelle der der stelle der stelle der stelle der stelle der stelle der der der der der der der de	CALIFORNIA ANNO CARREST THE PLANE TO SERVE THE PLANE TO COMPARE THE CARREST THE CARREST AND A CONTINUE OF THE CARREST CO.	-			
13 -XXXX	601	601	To surface			
9 - 5/8	1000'	1000'	1			
8 - 5/8						
7						
5 ½						
4 1/2	8350 '	835O1	200 bags			
3			Peri'. Top			
2			Perf. Bottoin			
Liners			Perf. Top			
			Perf. Bottom			
OF PLAT. TO DRILL DEEPER OR REDRIL	L:		BOND AND PERMANENT COPY			
	O 1929, A PERMANENT O		AND PERFORMANCE BOND. ON D THE ORIGINAL WELL RECORD			
TO FRACTURE - STIMULATE:						
			5) COPIES OG - 1, PERFORMANCE			
OIL AND/OR GAS WELL OF ING ORIGINAL PERMIT NU	RIGINALLY DRILLED ON A MBER, AND PERFORMANCE	AND/OR AFTER JUNE 5, 1 E BOND.	1929, FIVE COPIES OG - 1, SHOW-			
Required forms must be filed four (24) hours in advance.	within ninety (90) days of	completion for bond release	se. Inspector to be notified twenty-			
The following waiver must thereof.	pe completed by the coal or	perator if the permit is to	be issued within ten days of receipt			
	nt fored and place on our mine r		ner or Operator of the coal under cation.			
We the	Coal Company	have no objections to said	well being drilled at this location,			
			nd 7, Chapter 22 of the West Virginia			
, and the first of the second						
			For Coal Company			
			Official Title			