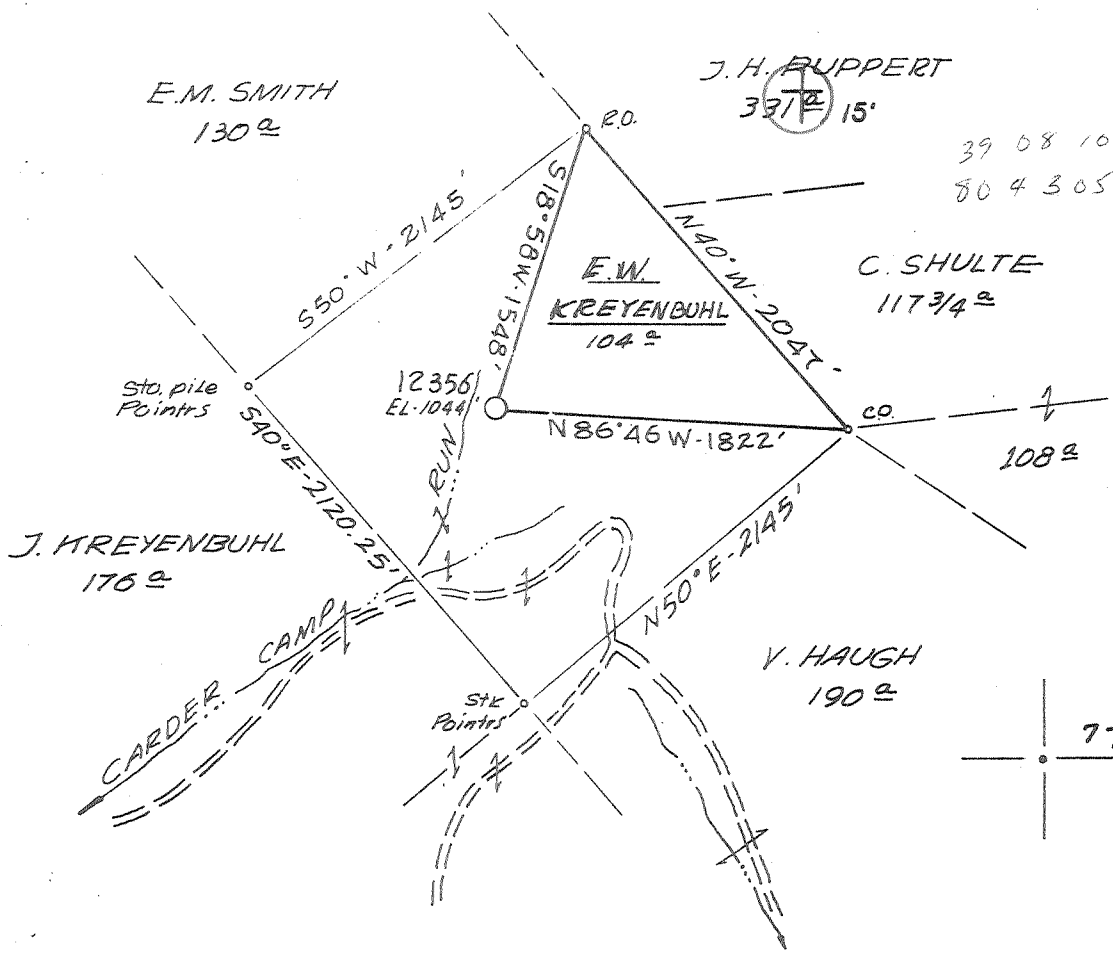


2.175
2.82W



2.155
2.17
2.82W
2.175

Scale of this map is 1" in 200'
LEVELS from top of HILL at intersection of
CARTER CAMP RUN ON LITTLE BUCK RUN EN. 1149'

I hereby certify that this map is correct to the best of my skill and belief and show all the information required by paragraph 1 of the State Constitution of this State and by the mining laws of West Virginia.

New Location X
Drill Depth
Minimum

MAP SHEET 68 S22 W 7 FB 1831 PG. 29-31

Company **CONSOLIDATED GAS SUPPLY CORP.**
 City **CLARKSBURG, W.VA.**
 Name **E.W. KREYENBUHL**
 Tract **104** **84605**
 Well Farm No. **12356** WC
 Elevation (feet) **1044'** *Vertical 15'*
 Quad **NEW MILTON, W.VA.** SW
 Locality **DODDRIDGE COVE**
 Engineer **Parrell M. Radcliffe**
 Engineers Registration No. **L.L.S. - 74**
 File No. _____
 Date **3-3-77** 1" = 1000'

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

WELL LOCATION MAP
 FILE NO. **DODD-1853**

Shows location of well on United States Topographic Map, scale 1 to 24,000, latitude and longitude lines being represented by border lines as shown.

— Denotes one inch spaces on border line of original tracing. **47-017** MAY 13 1977



STATE OF WEST VIRGINIA
DEPARTMENT OF MINES
Oil and Gas Division

NOV 26 1977

MINES DIVISION
DEPT. OF MINES

WELL RECORD

Quadrangle NEW MILTON
Permit No. DODD-1853

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

Company <u>Consolidated Gas Supply Corporation</u>	Casing and Tubing	Used in Drilling	Left in Well	Cement fill up Cu. ft. (Sks.)
Address <u>Clarksburg, W. Va.</u>	Size			
Farm <u>E. W. Kreyenbuhl</u> Acres <u>10 1/4</u>	20-16			
Location (waters) <u>Gardner Camp Run</u>	Cond.			
Well No. <u>12356</u> Elev. <u>1014'</u>	20-16 11"	253	253	To surface
District <u>Cove</u> County <u>Doddridge</u>	9 5/8			
The surface of tract is owned in fee by _____	8 5/8	2311	2311	2000 120 bags
<u>E. W. Kreyenbuhl</u>	7			
Address <u>Box 96, New Milton, WV</u>	5 1/2			
Mineral rights are owned by <u>Louise Petty</u>	4 1/2	5220'	5220'	120 bags
Address <u>Fort Worth, Texas</u>	3			
Drilling Commenced <u>8-24-77</u>	2			
Drilling Completed <u>8-31-77</u>	Liners Used			
Initial open flow <u>Show</u> cu. ft. _____ bbls.				
Final production <u>381 M</u> cu. ft. per day _____ bbls.				
Well open <u>4 hrs</u> hrs. before test <u>1915#</u> RP.				

Well treatment details: Attach copy of cementing record.
Well treated in Benson with 42,000# sand., 610 bbl water and 500 gal 15% acid.
Perforations: 5118-5122' with 16 holes
Well treated in Leopold with 30,000# sand. 720 gal 15% acid and 710 bbl water.
Perforations: 4985-4989' with 16 holes

Coal was encountered at 155' Feet 36" Inches
Fresh water 215' Feet Salt Water 2073' Feet
Producing Sand Benson & Leopold Depth See perfs. 5118-22' Leop
4985-89 Ben.

Formation	Color	Hard or Soft	Top Feet	Bottom Feet	Oil, Gas or Water	* Remarks
Shale & Red Rock			0	155		
Coal			155	158		
Sand & Shale			158	2110	Water	215' Fresh
Big Lime			2110	2200	Water	2073' Salt
Injun			2200	2270	Gas	Big Lime Salt
Sand & Shale			2270	2375		
Weir			2375	2450		
Sand & Shale			2450	2565		
Berea			2565	2595		
Sand & Shale			2595	3090	Gas	2610'
Bayard			3090	3110		
Sand & Shale			3110	3405		
Warren			3405	3440		
Sand & Shale			3440	3775		
Speechley			3775	3795		
Balltown			3795	4150		
Bradford			4500	4585		
Riley			4760	4860	Gas in Leopold @ 4985 - 4989'	
Benson			5010	5025	Gas	5118-22'
Total Depth				5250'		

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

* Indicates Electric Log tops in the remarks section.

(over)



STATE OF WEST VIRGINIA
DEPARTMENT OF MINES

APR 1 1977
DEPT. OF MINES

Oil and Gas Division

OIL AND GAS WELL PERMIT APPLICATION

TO THE DEPARTMENT OF MINES,
Charleston, W. Va.

DATE March 11, 1977

Surface Owner E. W. Kreyenbuhl
Address Box 26, New Milton, WV

Company Consolidated Gas Supply Corporation
Address Clarksburg, W. Va.

Mineral Owner Louise Betty
Address 3728 Lenox Dr., Fort Worth, Texas

Farm E.W. Kreyenbuhl Acres 10 1/2
Location (waters) Carder Camp Run

Coal Owner Not known
Address _____

Well No. 12356 Elevation 1011'
District Cove County Doddridge

Coal Operator None
Address _____

Quadrangle VADIS

THIS PERMIT MUST BE POSTED AT THE WELL SITE

All provisions being in accordance with Chapter 22,
of the W. Va. Code, the location is hereby approved
for drilling. This permit shall expire if
operations have not commenced by 8-5-77.

INSPECTOR
TO BE NOTIFIED Paul Garrett

ADDRESS 321 Beech Street, Clarksburg, W. Va.

PHONE 622-3871

Deputy Director - Oil & Gas Division

GENTLEMEN:

The undersigned well operator is entitled to drill upon the above named farm or tract of land for oil and gas, having fee title thereto, (or as the case may be) under grant or lease dated 6-1-73 19 by E. W. Kreyenbuhl made to Consol. Gas Sply Corp. and recorded on the 8th day of September 1973, in Doddridge County, Book 97 Page 521

XXXX NEW WELL DRILL DEEPER REDRILL FRACTURE OR STIMULATE
 OIL AND GAS WELL ORIGINALLY DRILLED BEFORE JUNE 5, 1969.

The enclosed plat was prepared by a registered engineer or licensed land surveyor and all coal owners and/or operators have been notified as of the above date.

The above named coal owners and/or operator are hereby notified that any objection they wish to make, or are required to make by Section 3 of the Code, must be received by, or filed with the Department of Mines within ten (10) days. *

Copies of this notice and the enclosed plat were mailed by registered mail, or delivered to the above named coal operators or coal owners at their above shown respective address day before, or on the same day with the mailing or delivery of this copy to the Department of Mines at Charleston, West Virginia.

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

Address
of
Well Operator

Consolidated Gas Supply Corporation
Street
115 West Main Street
City or Town
Clarksburg, W. Va.
State

Very truly yours,
(Sign Name)
Well Operator

I have read & understand the requirements
of the reclamation act and will comply

*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

DODD-1853 PERMIT NUMBER

47-017

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

PROPOSED WORK ORDER TO XXX DRILL DEEPEN FRACTURE STIMULATE
 DRILLING CONTRACTOR: (If Known) RESPONSIBLE AGENT:
 NAME S. W. Jack Drilling Company NAME R. E. Bayne
 ADDRESS Indiana, Pa. ADDRESS Bridgport, W. Va.
 TELEPHONE TELEPHONE 623-3611
 ESTIMATED DEPTH OF COMPLETED WELL: 5250' ROTARY XXX CABLE TOOLS
 PROPOSED GEOLOGICAL FORMATION: Benson
 TYPE OF WELL: OIL GAS XXX COMB. STORAGE DISPOSAL
 RECYCLING WATER FLOOD OTHER

TENTATIVE CASING PROGRAM:

CASING AND TUBING SIZE	USED FOR DRILLING	LEFT IN WELL	CEMENT FILL UP OR SACKS - CUBIC FT.
XXX 16"	20'	20'	To surface
XXXX 11"	250'	250'	To surface
9 - 5/8			
8 - 5/8 if needed	2250'	2250'	To surface
7			
5 1/2			
4 1/2	5250'	5250'	125 Bags
3			Perf. Top
2			Perf. Bottom
Liners			Perf. Top
			Perf. Bottom

APPROXIMATE FRESH WATER DEPTHS 85' FEET SALT WATER None FEET
 APPROXIMATE COAL DEPTHS 780' (Wildcat) 72"
 IS COAL BEING MINED IN THE AREA? No 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