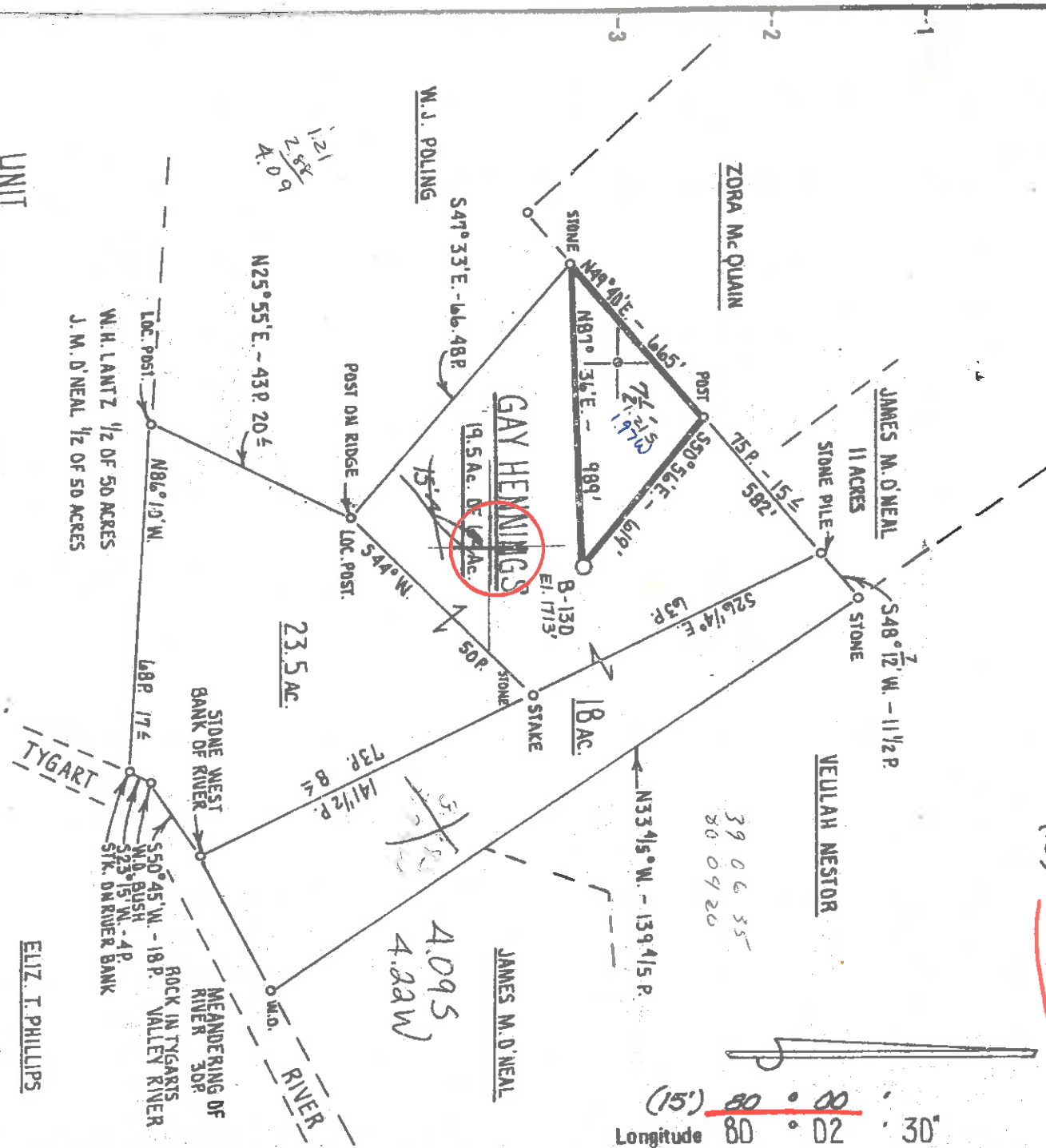


Latitude 39° 07' 30"
(15') 39° 10'

Longitude 80° 02' 30"
(15') 80° 00'



UNIT
 GAY HENNING 6.4 ACRES
 J. M. O'NEAL 1/2 OF 50 ACRES
 W. H. LANTZ 1/2 OF 50 ACRES
 J. M. O'NEAL 11 ACRES
 LUCY O'NEAL 20 ACRES

1.97
 2.05
 4.22

New Location
 Drill Deeper
 Abandonment
 Minimum Error of Closure DNE PART IN 200
 Source of Elevation C.G.S.C. WELL 10709 - ELEVATION 151.67'
 "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."

J.J. ENTERPRISES
 Company Ch BERRY ENERGY CONSULTANTS & MANAGERS, INC.
 Address PROFESSIONAL BUILDING SUITE 309
CLARKSBURG WEST VIRGINIA 26301
 Farm GAY HENNING'S
 Tract 64 Acres Lease No. _____
 Well (Farm) No. 1 Serial No. B-130
 Elevation (Spirit Level) 1713' EC
 Quadrangle AUDRA T.5, PHILIPPI 15'
 County BARBOUR District PHILIPPI
 Engineer David S. Phillips
 Engineer's Registration No. 530 L.L.S.
 File No. B-736 Drawing No. _____
 Date JAN 4th 1978 Scale 1" = 500'

STATE OF WEST VIRGINIA
 DEPARTMENT OF MINES
OIL AND GAS DIVISION
 CHARLESTON
WELL LOCATION MAP
 FILE NO. BAR-949

+ 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.

47-001 FEB 23 1978



STATE OF WEST VIRGINIA

DEPARTMENT OF MINES

Oil and Gas Division

WELL RECORD

RECEIVED
NOV 13 1978

OIL & GAS DIVISION
DEPT. OF MINES

Quadrangle AUDRA
Permit No. BAB-949

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

J&J Enterprises, Inc.

Company c/o Berry Energy Consultants & Mgrs. Inc.

Casing and
Tubing

Used in
Drilling

Left
in Well

Cement fill up
Cu. ft. (Sk.)

Address Clarksburg, WV

Farm Gay Hennings

Acres 64

Location (waters) Tygart Valley River

Size

20-16

26

26

To surface

Well No. B-130

Elev 1713'

District Phillippi

County Barbour

Cond.

The surface of tract is owned in fee by Gay Hennings

Leniston, Maryland

XXXXXX 11"

26

26

To surface

Mineral rights are owned by Louie Lantz, et al

Address Phillippi, WV

Drilling Commenced 3-9-78

Drilling Completed 3-14-78

Initial open flow 40 M cu. ft. _____ bbls.

Final production 119 M cu. ft. per day _____ bbls.

Well open 4 hrs. before test 840 R.P.

Attach copy of cementing record.

Well treated with 60,000# sand, 500 gal acid and 740 bbl water.
Perforations: 4073-4079' with 18 holes

Coal was encountered at 612 Feet 30" inches
Fresh water: 75' Feet 1" stream Salt Water _____ inches
Producing Sand Benson Depth 4073-4079' Feet _____

Formation	Color	Hard or Soft	Top Feet	Bottom Feet	Oil, Gas or Water	Remarks
Clay			0	10		
Sand & Shale			10	195	Water	75'
Shale & Red Rock			195	612		Fresh
Coal			612	615		
Sand & Shale			615	1190		
Little Lime			1190	1200		
Sand & Shale			1200	1245		
Big Lime & Injun			1245	1495		
Sand & Shale			1495	1530		
Gantz			1530	1595	Water	1590
Sand & Shale			1595	1765		
Shale & Red Rock			1765	2920	Gas	2196'
Brown Sand			2920	2950		Show
Shale			2950	4070		
BENSON			4070	4095	Gas	4073-4079'
Shale			4095	4100		
Total Depth						4254'

J & J Enterprises, Inc
c/o Berry Energy Consultants

By [Signature]
Date 11/9/78



STATE OF WEST VIRGINIA
DEPARTMENT OF MINES

RECEIVED

FEB 10 1978

OIL & GAS DIVISION
PERMIT. OF MINES

OIL AND GAS WELL PERMIT APPLICATION

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

DATE February 9, 1978
 J & J Enterprises, Inc. c/o Berry
 Company Energy Consultants & Mgrs., Inc.
 Address 309 Professional Bldg, Clarksburg, WV
 Farm Gay Henning S Acres 64
 Location (waters) B-130 Support Valley River
 Well No. B-130 (11) Elevation 1713'
 District Phillippi County Barbour
 Quadangle Audra 7.5'

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 6-13-78

INSPECTOR Robert Stewart

J. B. Berry
 Deputy Director - Oil & Gas Division

ADDRESS Jane Lew, W. Va.
 PHONE 884-7782

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 August 11 19 66 by Gay
Henning made to Consolidated Gas Corp. and recorded on the 19 66 day of Barbour County, Book 60 Page 227
 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:

Very truly yours, J & J Enterprises, Inc. c/o
Berry Energy consultants and Mgrs., Inc.
 (Sign Name) *J. B. Berry*

WEST VIRGINIA GEOLOGICAL AND
ECONOMIC SURVEY
P. O. BOX 879
MORGANTOWN, WEST VIRGINIA 26505
AC-304 - 292-6331

Address 309 Professional Building
 of Clarksburg
 Well Operator WV City or Town 26301
 State

*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 BOARD

BAR-949 PERMIT NUMBER

I have read and understand the reclamation requirements as set forth in Chapter 22, Article 4, Section 12-b and will carry out the specified requirements."

Signed by *J. B. Berry*

47-001

J. B. Berry

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

PROPOSED WORK ORDER TO DRILL DEEPEN FRACTURE-STIMULATE
 DRILLING CONTRACTOR: (If Known) _____ RESPONSIBLE AGENT: _____
 NAME S. W. Jack Drilling Co. NAME Jim Willett
 ADDRESS Indiana, PA ADDRESS Buckhannon, WV
 TELEPHONE 412-463-9191 TELEPHONE 472-2161
 ESTIMATED DEPTH OF COMPLETED WELL: 4190 ROTARY CABLE TOOLS _____
 PROPOSED GEOLOGICAL FORMATION: Benson
 TYPE OF WELL: OIL _____ GAS 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.
20 - 16			
13 - 10	30	30	To Surface
9 - 5/8			
8 - 5/8	950	950	To Surface
7			
5 1/2			
4 1/2	4190	4190	To 3400
3			Perf. Top
2			Perf. Bottom
Liners			Perf. Top
			Perf. Bottom

APPROXIMATE FRESH WATER DEPTHS 196 FEET 246 SALT WATER _____ FEET
 APPROXIMATE COAL DEPTHS 266-269; 370-376
 IS COAL BEING MINED IN THE AREA? NO YES 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