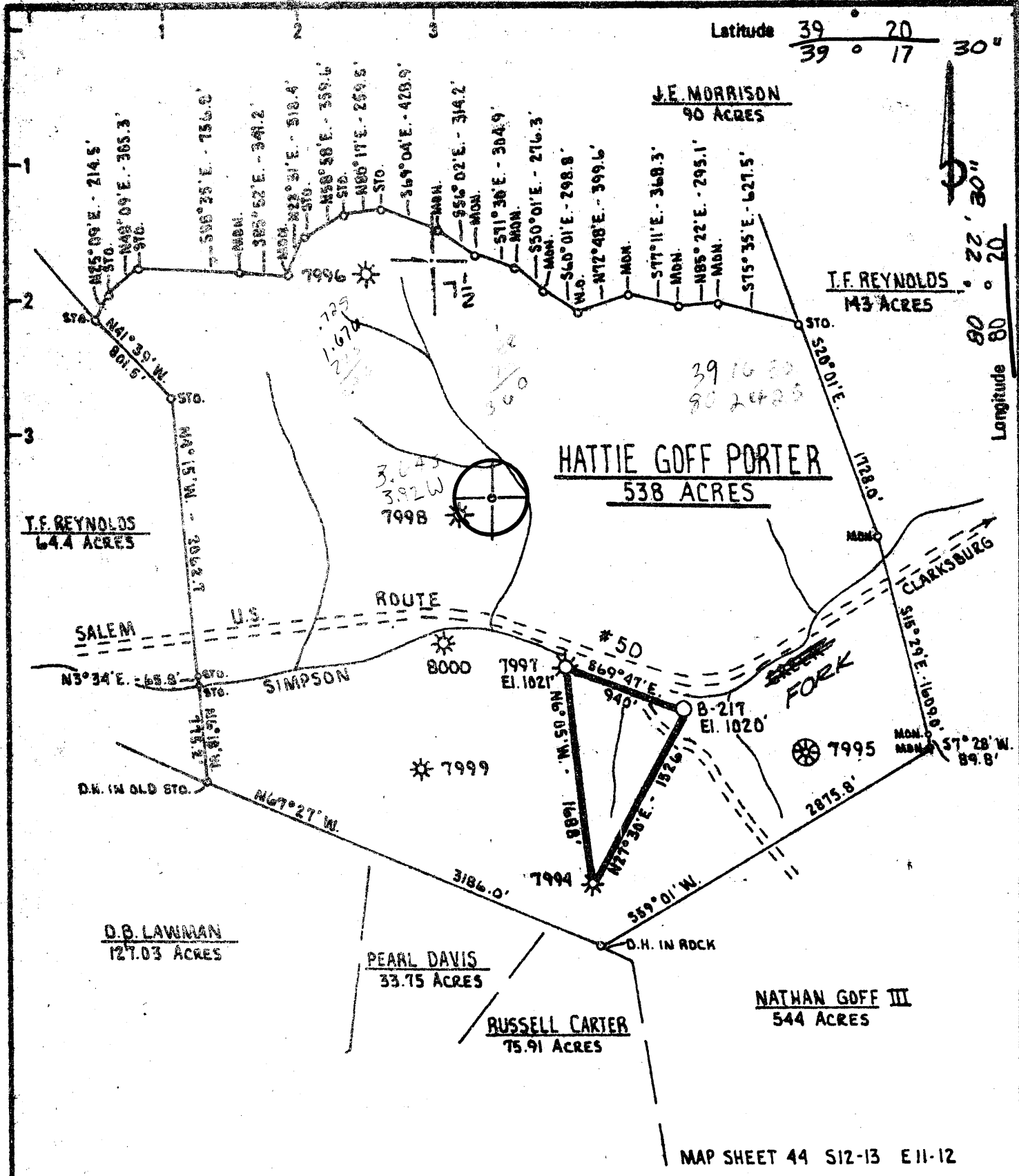


Latitude  $\frac{39}{39} \frac{20}{17} 30''$



MAP SHEET 44 S12-13 E11-12

New Location   
 Drill Deeper   
 Abandonment

Minimum Error of Closure ONE PART IN 200  
 Source of Elevation C.G.S. CORP. WELL 7997  
ELEVATION 1021'

"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."

Company J.J. ENTERPRISES  
BERRY ENERGY CONSULTANTS & MANAGERS, INC.  
 Address PROFESSIONAL BUILDING SUITE 309  
CLARKSBURG WEST VIRGINIA 26301  
 Farm HATTIE GOFF PORTER  
 Tract Acres 538 Lease No. \_\_\_\_\_  
 Well (Farm) No. \_\_\_\_\_ Serial No. B-217  
 Elevation (Spirit Level) 1020' SC  
 Quadrangle CLARKSBURG WOLF SUMMIT 7 1/2'  
 County HARRISON District COAL  
 Engineer Daniel L. Wheeler  
 Engineer's Registration No. 530 L.L.S.  
 File No. B-1271 Drawing No. \_\_\_\_\_  
 Date AUGUST 29 1978 Scale 1" = 1000'

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

WELL LOCATION MAP  
 FILE NO. HAR-1955

+ 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.

47-033

STATE OF WEST VIRGINIA  
DEPARTMENT OF MINES

Oil and Gas Division 3 1980

WELL RECORD

OIL & GAS DIVISION  
DEPT. OF MINES

Rotary X Oil \_\_\_\_\_  
Casing \_\_\_\_\_ Gas (X)  
Recycling \_\_\_\_\_ Comb. \_\_\_\_\_  
Water Flood \_\_\_\_\_ Storage \_\_\_\_\_  
Disposal \_\_\_\_\_ (Kind) \_\_\_\_\_

Quadrangle Clarksburg

Permit No. HAR-1955-Rev.

Company J & J Enterprises, Inc.  
c/o Berry Energy Cons. & Mgrs., Inc.  
Address 309 Professional Bldg., Clarksburg, WV  
Farm H. Porter Acres 538  
Location (waters) Simpson Creek  
Well No. B-217 Elev. 1020'  
District Coal County Harrison  
The surface of tract is owned in fee by \_\_\_\_\_  
Nathan Goff III Heirs  
Address 163 E. Main St., Clarksburg, WV  
Mineral rights are owned by Consolidated Gas  
Address Clarksburg, WV  
Drilling Commenced 4-30-79  
Drilling Completed 5-05-79  
Initial open flow show cu. ft. \_\_\_\_\_ bbls.  
Final production 249 Mcf. D per day \_\_\_\_\_ bbls.  
Well open 4 hrs. before test 1550 RP.

Casing and Tubing	Used in Drilling	Left in Well	Cement fill up Cu. ft. (Sks.)
Size 20-16			
Cond. <del>13 1/8</del> 11-3/4"	29.75	29.75	
9 5/8			
8 5/8	1067	1067	Cement to Surface
7			
5 1/2			
4 1/2	4344	4344	125 Sks.
3			
2			
Liners Used			

Well treatment details:

Attach copy of cementing record.

WATER FRAC

Benson 15,000 80 /100 30,000 20/40 655 Bbl. Gel & Water

Coal was encountered at Unknown Feet \_\_\_\_\_ Inches \_\_\_\_\_  
Fresh water 110' Feet \_\_\_\_\_ Salt Water \_\_\_\_\_ Feet \_\_\_\_\_  
Producing Sand Benson Depth See Log Below

Formation	Color	Hard or Soft	Top Feet	Bottom Feet	Oil, Gas or Water	* Remarks
Top Soil			0	10		
Shale			10	25		
Sand & Shale			25	350		
Sandy Shale			350	735		
Sand			735	950		
Sand & SHale			950	1030		
Shale			1030	1200		
Lime			1200	1320		
Sand & SHale			1320	2940		
Sand			2940	3000		
Sand & SHale			3000	3780		
Shale			3780	3915		
Sand & Shale			3915	4220		
Sand <u>BENSON</u>			4220	4270		* <u>Benson</u> 4236' - 4270'
Sand & Shale			4270	4480		

J & J Enterprises, Inc.  
c/o Berry Energy Cons. & Mgrs., Inc.  
309 Professional Bldg.  
Clarksburg, WV 26301

By: [Signature]

(over)

\* Indicates Electric Log tops in the remarks section.



STATE OF WEST VIRGINIA  
DEPARTMENT OF MINES

RECEIVED

OCT 25 1978

OIL & GAS DIVISION  
DEPT. OF MINES

Oil and Gas Division

OIL AND GAS WELL PERMIT APPLICATION

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

DATE October 24, 1978

Surface Owner Nathan Goff III Hrs.

Company J & J Enterprises, Inc.  
c/o Berry Energy Consultants & Mgrs., Inc.  
Address 309 Professional Bldg., Clarksburg, WV

Address 163 E. Main St., Clarksburg, WV

Mineral Owner Consolidated Gas Supply Corp.

Farm H. Porter Acres 538

Address Clarksburg, WV 26301

Location (waters) Simpson Creek

Coal Owner Nathan Goff III Hrs.

Well No. B-217 Elevation 1020

Address 163 E. Main St., Clarksburg, WV

District Coal County Harrison

Coal Operator Not Operated

Quadrangle Clarksburg

Address \_\_\_\_\_

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 2-25-79.

INSPECTOR  
TO BE NOTIFIED Paul Garrett

ADDRESS 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 9-12-31 19    by H. G. Porter made to Hope Natural Gas Company and recorded on the     day of     19   , in Harrison County, Book 427 Page 36

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 addresses ~~xxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxx~~ 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

Very truly yours, J & J Enterprises, Inc. c/o  
Berry Energy Consultants & Mgrs., Inc.  
(Sign Name) \_\_\_\_\_

Well Operator

309 Professional Bldg.

Street

Clarksburg

City or Town,  
West Virginia 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.

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

PROPOSED WORK ORDER TO  X  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  412-349-6800  TELEPHONE  472-2161   
 ESTIMATED DEPTH OF COMPLETED WELL:  4400.  ROTARY  X  CABLE TOOLS \_\_\_\_\_  
 PROPOSED GEOLOGICAL FORMATION:  Benson   
 TYPE OF WELL: OIL \_\_\_\_\_ GAS  X  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 11 3/4	30	30	To Surface
9 - 5/8			
8 - 5/8	1025	1025	To Surface
7			
5 1/2			
4 1/2	4300	4300	To 3600
3			Perf. Top
2			Perf. Bottom
Liners			Perf. Top
			Perf. Bottom

APPROXIMATE FRESH WATER DEPTHS  185  FEET \_\_\_\_\_ SALT WATER \_\_\_\_\_ FEET \_\_\_\_\_  
 APPROXIMATE COAL DEPTHS  Below Coal   
 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