



MAP SHEET 60 512 W10

New Location <input checked="" type="checkbox"/> Drill Deeper <input type="checkbox"/> Abandonment <input type="checkbox"/>	Minimum Error of Closure <u>ONE PART IN 200</u> Source of Elevation <u>BERRY ENERGY WELL B-262</u> <u>ELEVATION 1167'</u> "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."
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Company <u>J. AND J. ENTERPRISES</u> <u>BERRY ENERGY CONSULTANTS & MANAGERS, INC.</u> Address <u>PROFESSIONAL BUILDING SUITE 309</u> <u>CLARKSBURG, WEST VIRGINIA 26301</u>
Farm <u>J. W. HAMMOND</u> <u>WILLIAM J. HOLFE</u>
Tract _____ Acres <u>52</u> Lease No. _____
Well (Farm) No. <u>1</u> Serial No. <u>B-280</u>
Elevation (Spirit Level) <u>1243'</u> <u>SE</u>
Quadrangle <u>WEST UNION 7.5' 15'</u>
County <u>DODDRIDGE</u> District <u>WEST UNION</u>
Engineer <u>David L. Meder</u>
Engineer's Registration No. <u>530 L.L.S.</u>
File No. _____ Drawing No. _____
Date <u>JUNE 19, 1979</u> Scale <u>1" = 500'</u>

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

WELL LOCATION MAP
 FILE NO. 47-017-2456

+ 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.

AUG 7 1979



STATE OF WEST VIRGINIA
DEPARTMENT OF MINES

Oil and Gas Division

WELL RECORD

OIL & GAS DIVISION
DEPT. OF MINES

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

Quadrangle WEST UNION

Permit No. DOD-2456

J & J Enterprises, Inc.

Company c/o Berry Energy Consultants, Inc.
Address Clarksburg, W. Va.
Farm J. W. Hammond Acres 52
Location (waters) Pritchard Run
Well No. B-280 Elev. 1243'
District West Union County Doddridge
The surface of tract is owned in fee by Wm. J. Wolfe

Address Oakton, VA
Mineral rights are owned by Same
Address _____

Drilling Commenced 8-17-79
Drilling Completed 8-27-79
Initial open flow Show cu. ft. _____ bbls.
Final production 1,873 M. cu. ft. per day _____ bbls.
Well open 4 hrs. before test 1610# RP.
Well treatment details: 14 days

Casing and Tubing	Used in Drilling	Left in Well	Cement fill up Cu. ft. (Sks.)
Size 20-16			
Cond. <u>11-3/4"</u>	<u>30'</u>	<u>30'</u>	To surface
13-10"			
9 5/8			
8 5/8	<u>959'</u>	<u>959'</u>	To surface
7			
5 1/2			
4 1/2	<u>5429'</u>	<u>5429'</u>	325 sks
3			
2			
Liners Used			

Attach copy of cementing record.

Alexander treated with 50,000# sand & 907 bbl water with 500 gal 15% acid

Warren treated with 110,000# sand & 767 gal water with 500 gal 15% acid

Coal was encountered at None Feet _____ Inches _____
Fresh water 220' Feet _____ Salt Water 1280' Feet _____
Producing Sand Alexander & Warren Depth See log

Formation	Color	Hard or Soft	Top Feet	Bottom Feet	Oil, Gas or Water	* Remarks
Sand & Shale			0	275	Water	220' Fresh
Sand			275	395		
Shale & Red Rock			395	1165		
Dark Shale			1165	1465	Water	1280' Salt
Sand & Shale			1465	2000		
Little Lime			2000	2090		
Big Lime			2090	2160		
Big INJUN			2160	2225		
WEIR			2225	2475	Gas	2380' Show
Sand & Shale			2475	3440	Gas	in Warren
Fifth Sand	Warren	3390-3560	3440	3500		
Sand & Shale			3500	3980		
Balltwon			3980	4030		
Sand & Shale			4030	4640		
Riley			4640	4660		
Sand & Shale			4660	5035		
Benson			5035	5055		
Sand & Shale			5055	5250		
Alexander			5250	5380	Gas	5250-5380'
Shale			5380	5525		
Total Depth				5525'		

J & J Enterprises, Inc.
c/o Berry Energy Consultants, Ir
308-309 Professional Building
Clarksburg, W. Va.

By [Signature]

(over)

OCT 12

* Indicates Electric Log tops in the remarks section.



STATE OF WEST VIRGINIA
DEPARTMENT OF MINES

JUL 13 1979

OIL & GAS DIVISION

Oil and Gas Division DEPT. OF MINES

OIL AND GAS WELL PERMIT APPLICATION

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

DATE July 10, 1979
Company J & J Enterprises, Inc.
c/o Berry Energy Consultants, Inc.
Address 309 Professional Bldg., Clarksburg, WV
Farm J. W. Hammond Acres _____
Location (waters) Pritchard Run
Well No. B-280 Elevation 1243'
District West Union County Doddridge
Quadrangle WEST UNION

Surface Owner William J. Wolfe
Address 10434 Red Granite Terrace, Oakton, VA
Mineral Owner Same
Address _____
Coal Owner same
Address _____
Coal Operator Not operated
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 3-19-80.

INSPECTOR
TO BE NOTIFIED Paul Garrett
ADDRESS 321 Beech Street, Clarksburg, WV
PHONE _____

Robert J. [Signature]
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 7-1-79 19 by William J. Wolfe made to Justin M. Henderson and recorded on the 5th day of July 1978, in Doddridge County, Book 104 Page 287
XX 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 Same 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

Very truly yours, J & J Enterprises, Inc.
c/o Berry Energy Consultants, Inc.
(Sign Name) [Signature]
308-309 Professional Building
Street
Clarksburg, W. Va.
City or Town
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 BOND

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

PROPOSED WORK ORDER TO XX DRILL _____ DEEPEN _____ FRACTURE-STIMULATE _____
 DRILLING CONTRACTOR: (If Known) RESPONSIBLE AGENT:
 NAME S. W. Jack Drilling Company NAME Jim Willett
 ADDRESS Indiana, Pa. ADDRESS Buckhamon, WV
 TELEPHONE _____ TELEPHONE _____
 ESTIMATED DEPTH OF COMPLETED WELL: 5400' ROTARY XX CABLE TOOLS _____
 PROPOSED GEOLOGICAL FORMATION: Alexander
 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 III. UP OR SACKS - CUBIC FT.
20 - 16			
XXXX 11"	30'	30'	To surface
9 - 5/8			
8 - 5/8	1300'	1300'	To surface
7			
5 1/2			
4 1/2	5400'	5400'	300 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 None
 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