

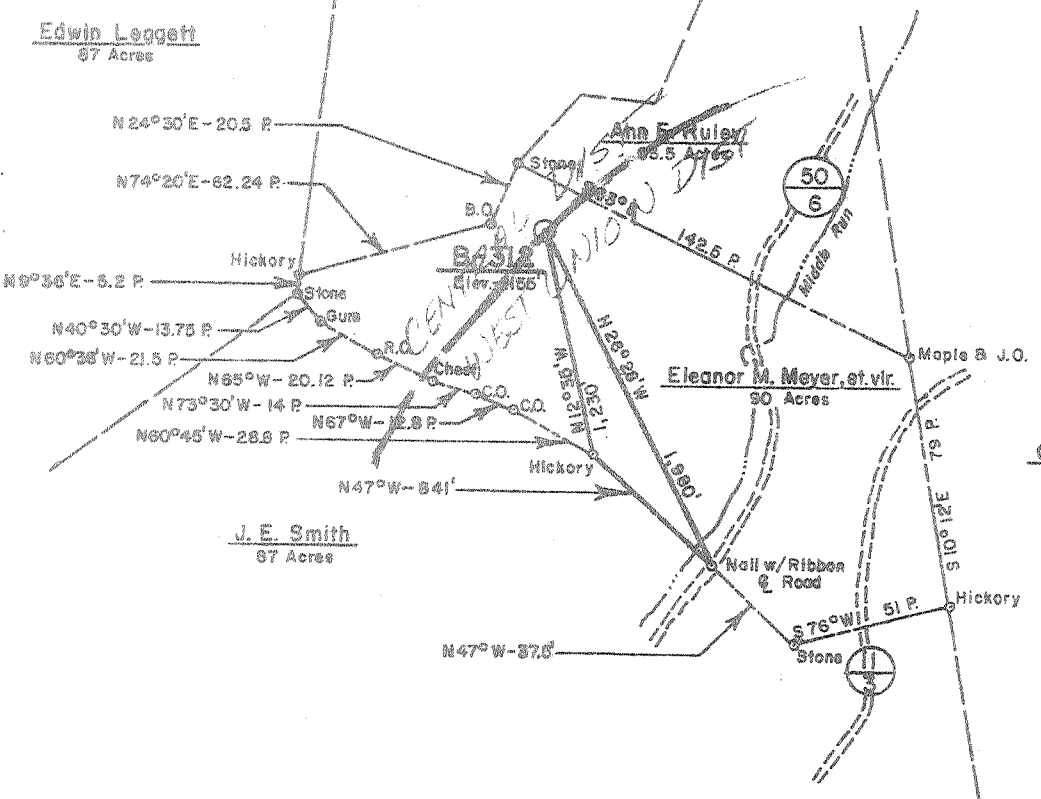
11/20/79 775'

LATITUDE 39° 17' 30"  
(15') 39° 20'

LONGITUDE 80° 50' 00"

NORTH

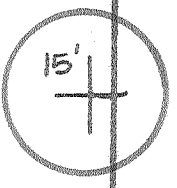
14750'



C.L. Fleming  
51 Acres

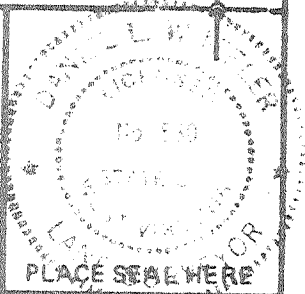
391505  
805010

5.64 S  
0.12 W



FILE NO. \_\_\_\_\_  
DRAWING NO. \_\_\_\_\_  
SCALE 1"=1,000'  
MINIMUM DEGREE OF ACCURACY 1 Part in 200  
PROVEN SOURCE OF ELEVATION Jct. Rd. Fks. S.L.S  
Rt. 50/6 & S.L.S. Rt. 21 ILE-950'

I THE UNDERSIGNED, HEREBY CERTIFY THAT THIS PLAT IS CORRECT TO THE BEST OF MY KNOWLEDGE AND BELIEF AND SHOWS ALL THE INFORMATION REQUIRED BY LAW AND THE REGULATIONS ISSUED AND PRESCRIBED BY THE DEPARTMENT OF MINES.  
(SIGNED) Donie L. Wheeler  
R.P.E. \_\_\_\_\_ L.L.S. 530



(+) DENOTES LOCATION OF WELL ON UNITED STATES TOPOGRAPHIC MAPS  
FORM IV-6  
(8-78)



DATE November 14 1979  
OPERATOR'S WELL NO. B-312  
API WELL NO. 47-017-2540  
STATE COUNTY PERMIT

STATE OF WEST VIRGINIA  
DEPARTMENT OF MINES  
OIL AND GAS DIVISION

WELL TYPE: OIL \_\_\_ GAS X LIQUID INJECTION \_\_\_ WASTE DISPOSAL \_\_\_  
(IF "GAS,") PRODUCTION X STORAGE \_\_\_ DEEP \_\_\_ SHALLOW X  
LOCATION: ELEVATION 1155' WATER SHED Middle Run  
DISTRICT West Union COUNTY Doddridge  
QUADRANGLE West Union 7.5' 15' SC  
SURFACE OWNER Edwin Leggett (David Elliot Jr.) ACREAGE 90  
OIL & GAS ROYALTY OWNER Eleanor M. Meyer LEASE ACREAGE 90  
LEASE NO. \_\_\_\_\_  
PROPOSED WORK: DRILL X CONVERT \_\_\_ DRILL DEEPER \_\_\_ REDRILL \_\_\_ FRACTURE OR STIMULATE \_\_\_ PLUG OFF OLD FORMATION \_\_\_ PERFORATE NEW FORMATION \_\_\_ OTHER PHYSICAL CHANGE IN WELL (SPECIFY) \_\_\_\_\_

PLUG AND ABANDON \_\_\_ CLEAN OUT AND REPLUG \_\_\_  
TARGET FORMATION Benson, ALEXANDER ESTIMATED DEPTH 4500'-5500' DEC 7 1979  
WELL OPERATOR J. & J. Enterprises DESIGNATED AGENT Berry Energy Consultants & Managers  
ADDRESS Berry Energy Consultants & Managers, Inc. Professional Bldg. Suite 309  
309-Professional Bldg. Clarksburg, W.Va. 26301 Clarksburg, W.Va. 26301

G-6 STRAIGHT FK - BLUESTONE CA 15.3

STATE OF WEST VIRGINIA  
DEPARTMENT OF MINES

RECEIVED  
JAN 23 1980

Oil and Gas Division

OIL & GAS DIVISION  
DEPT. OF MINES

WELL RECORD

Quadrangle West Union

Permit No. DOD-2540

Rotary xx Oil \_\_\_\_\_  
Cable \_\_\_\_\_ Gas xx \_\_\_\_\_  
Recycling \_\_\_\_\_ Comb. \_\_\_\_\_  
Water Flood \_\_\_\_\_ Storage \_\_\_\_\_  
Disposal \_\_\_\_\_ (Kind) \_\_\_\_\_

J & J Enterprises, Inc

Company c/o Berry Energy Consultants, Inc  
Address Clarksburg, W. Va.

Farm Eleanor M. Meyer Acres 90

Location (waters) Middle Run

Well No. B-312 Elev 1155'

District West Union County Doddridge

The surface of tract is owned in fee by \_\_\_\_\_

David Elliott, Jr.

Address Rt. #1, West Union, WV

Mineral rights are owned by Eleanor M. Meyer

Address 19 Heath Pl. Garden City, N.C.

Drilling Commenced 12-11-79

Drilling Completed 12-29-79

Initial open flow Show cu. ft. \_\_\_\_\_ bbls.

Final production 1,210 dd. ft. per day \_\_\_\_\_ bbls.

Well open 4 hrs. before test 1620# RP.

Well treatment details: \_\_\_\_\_

Casing and Tubing	Used in Drilling	Left in Well	Cement fill up Cu. ft. (Sks.)
Size 20-16			
Cond. 11"	30	30	To surface
13-10"			
9 5/8"	959	959	To surface
8 5/8"			
7"			
4 1/2"			
4 1/2"	5429	5429	225 sks
3"			
2"			
Liners Used			

Attach copy of cementing record.

Treated in Alexandria with 30,000# 80/100 sand 90,000# 20/40 sand. Total Fluid 1020 bbl.  
Perforated 5295'-5375' with 15 holes

Coal was encountered at 255 Feet 2 1/2" Inches  
Fresh water 55' 170' Feet Salt Water Damp @ 1355' Feet  
Producing Sand ALEXANDRIA Depth 5295-5375

Formation	Color	Hard or Soft	Top Feet	Bottom Feet	Oil, Gas or Water	* Remarks
Sand & Shale			0	255	Water	55' 170' Fresh
Coal			255	257		
Sand & Shale			257	1040		
Shale & Red Rock			1040	1375	Water	1355' Salt
Black Shale & Sand			1375	1980		
Shale			1980	2045		
Big Lime			2045	2165		
Sand & Shale			2165	2185		
Big Injun			2185	2250		
Sand & Shale			2250	3475		
Warren			3475	3600		
Sand & Shale			3600	4280		
Balltown			4280	4400	Gas	
Bradford			4660	4720	Gas	
Benson			5050	5070		
Alexandria			5360	5420	Gas	
Total Depth				5572'		

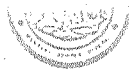
J & J Enterprises, Inc  
c/o Berry Energy Consultants, Inc.  
308-309 Professional Building  
Clarksburg, WV

(over)

By [Signature]

Indicates Electric Log tops in the remarks section.

FEB 25 1980



STATE OF WEST VIRGINIA  
DEPARTMENT OF MINES

**RECEIVED**

JAN 23 1980

Oil and Gas Division  
**WELL RECORD**

OIL & GAS DIVISION  
DEPT. OF MINES

Rotary xx Oil \_\_\_\_\_  
Cable \_\_\_\_\_ Gas xxx \_\_\_\_\_  
Recycling \_\_\_\_\_ Comb. \_\_\_\_\_  
Water Flood \_\_\_\_\_ Storage \_\_\_\_\_  
Disposal \_\_\_\_\_ (Kind) \_\_\_\_\_

Quadrangle West Union

Permit No. DOD-2540

J & J Enterprises, Inc

Company c/o Berry Energy Consultants, Inc

Address Clarksburg, W. Va.

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Well treatment details:

Attach copy of cementing record.

Treated in Alexandria with 30,000# 80/100 sand 90,000# 20/40 sand. Total Fluid 1020  
Perforated 5295'-5375' with 15 holes

Casing and Tubing	Used in Drilling	Left in Well	Cement fill up Cu. ft. (Sks.)
Size			
20-16			
Cond. 11"	30	30	To surface
13-10"			
9 5/8	959	959	To surface
8 5/8			
7			
N. 3 1/2			
4 1/2	5429	5429	225 sks
3			
2			
Liners Used			

Coal was encountered at 255 Feet 2 1/2" Inches

Fresh water 55' 170' Feet Salt Water Damp @ 1355' Feet

Producing Sand ALEXANDRIA Depth 5295-5375

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Benson			5050	5070		
Alexandria			5360	5420	Gas	
Total Depth				5572'		

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

(over)

By [Signature]

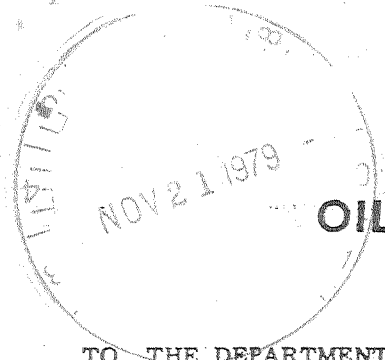
FEB 25 1980



STATE OF WEST VIRGINIA  
DEPARTMENT OF MINES

Oil and Gas Division

OIL AND GAS WELL PERMIT APPLICATION



NOV 20 1979

OIL & GAS DIVISION  
DEPT. OF MINES

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

DATE November 16, 1979  
J & J Enterprises, Inc.  
Company c/o Berry Energy Consultants, Inc.  
Address Clarksburg, W. Va.  
Farm Eleanor M Meyer Acres 90  
Location (waters) Middle Run  
Well No. B-312 Elevation 1155'  
District West Union County Doddridge  
Quadrangle West Union

Surface Owner David Elliott, Jr.  
Address Rt. #1, West Union, WV  
Mineral Owner Eleanor M. Meyer  
Address 19 Heath Place, Garden City, NJ 11530  
Coal Owner See Surface  
Address \_\_\_\_\_  
Coal Operator Not operated  
Address \_\_\_\_\_

ALL 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 7-20-80  
Robert S. Bell  
Deputy Director - Oil & Gas Division

INSPECTOR Paul Garrett  
TO BE NOTIFIED \_\_\_\_\_  
ADDRESS \_\_\_\_\_  
PHONE 622-3871

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 10-20-77 1977 by Eleanor Meyer et vir made to W. B. Berry and recorded on the 30th day of October 1977 in Doddridge County, Book 105 Page 311  
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 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.

Very truly yours, J & J Enterprises, Inc.  
c/o Berry Energy Consultants, Inc.  
(Sign Name) By: [Signature]  
Well Operator

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 308-309 Professional Building  
Street  
of  
Well Operator Clarksburg,  
City or Town  
West Virginia  
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.

47-017-2540 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 \_\_\_\_\_

BLANKET BOND

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 Jim Willett  
 ADDRESS Indiana, Pa. ADDRESS Buckhannon, WV  
 TELEPHONE 472-9403 TELEPHONE 472-9403  
 ESTIMATED DEPTH OF COMPLETED WELL: 5500' ROTARY XXX CABLE TOOLS \_\_\_\_\_  
 PROPOSED GEOLOGICAL FORMATION: Alexander  
 TYPE OF WELL: OIL \_\_\_\_\_ GAS XX 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			
<del>XXXXXX</del> 11-3/4"	30'	30'	To surface
9 - 5/8			
8 - 5/8	1750'	1750'	To surface
7			
5 1/2			
4 1/2	5550'	5550'	250 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 Various

IS COAL BEING MINED IN THE AREA? Not operated 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.

\_\_\_\_\_  
of Coal Company

\_\_\_\_\_  
Official Title