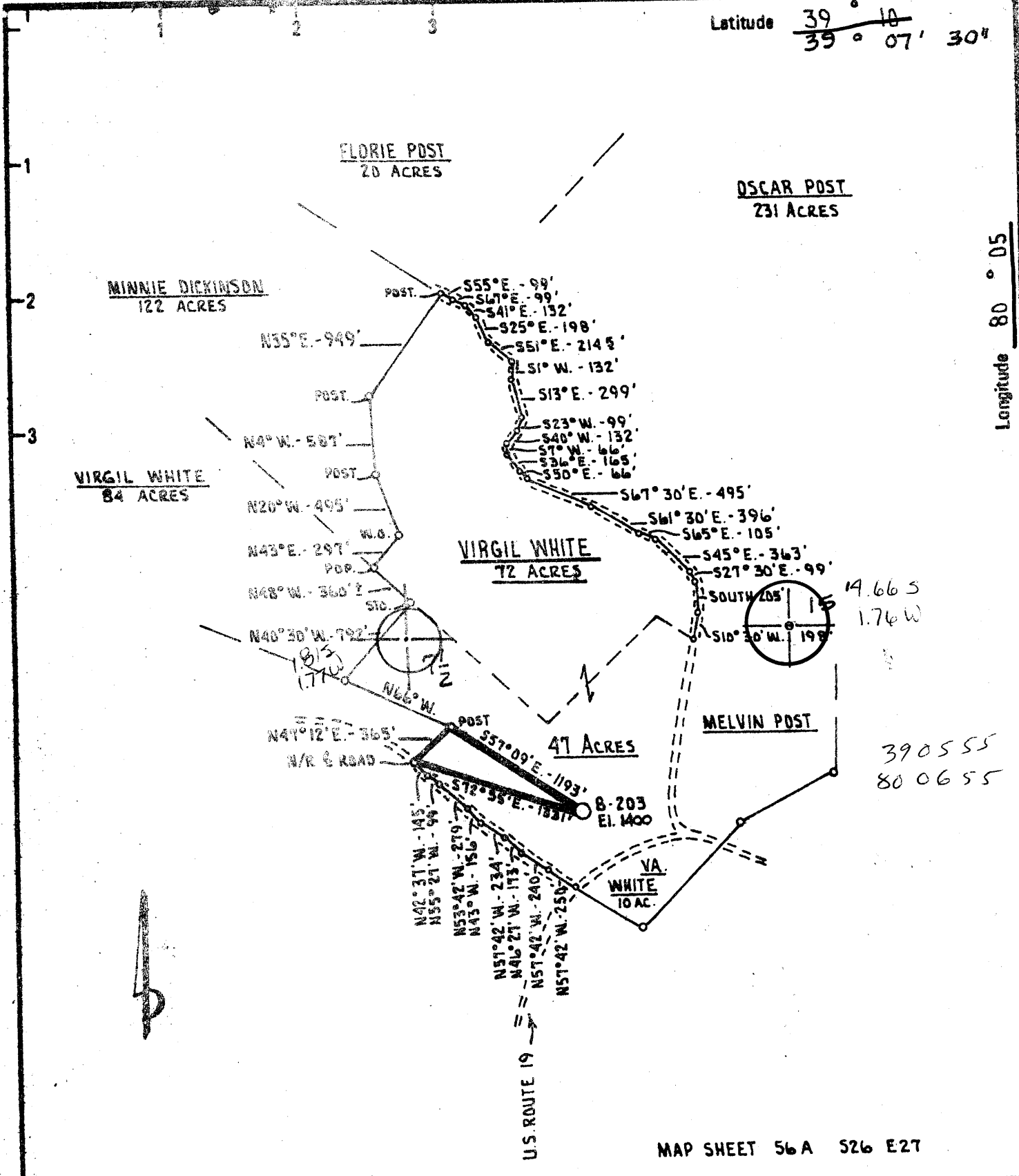


Latitude $39^{\circ} 10'$
 $39^{\circ} 07' 30''$

Longitude $80^{\circ} 05'$



14.66 S
1.76 W

39 05 55
80 06 55

MAP SHEET 56 A 526 E27

New Location Drill Deeper Abandonment

Minimum Error of Closure ONE PART IN 200
 Source of Elevation ALLEGHENY LAND & MINERAL Co. A-107
 ELEVATION 1631'

"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 VIRGIL WHITE, MADDE BROWN

Tract _____ Acres 47 Lease No. 1068

Well (Farm) No. _____ Serial No. B-203

Elevation (Spirit Level) 1400' C

Quadrangle PHILIPPI, Audra 7 1/2'

County BARBOUR District UNION

Engineer Daniel P. Wheeler

Engineer's Registration No. 550 L.L.S.

File No. _____ Drawing No. _____

Date SEPT 8th 1978 Scale 1" = 1000'

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

WELL LOCATION MAP
 FILE NO. BAR-1084

+ 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.

(257) 47-001 NOV 13 1978



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FEB - 4 1980

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STATE OF WEST VIRGINIA
DEPARTMENT OF MINES
Oil and Gas Division

OIL & GAS DIVISION
DEPT. OF MINES

WELL RECORD

Rotary XX Oil _____
Cable _____ Gas X
Recycling _____ Comb _____
Water Flood _____ Storage _____
Disposal _____ (land)

Quadrangle PHILIPPI

Permit No. BAR-1084

J & J Enterprises, Inc

Company c/o Berry Energy Consultants, Inc.

Address Clarksburg, W. Va.

Farm Virgil White Acres 47

Location (waters) Big Run

Well No. B-203 Elev. 1400'

District Union County Barbour

The surface of tract is owned in fee by _____

Maud Brown

Address Volga, W. Va.

Mineral rights are owned by Virgil White, Agt.

Address Rt. #1, Philippi, WV

Drilling Commenced 2-12-79

Drilling Completed 2-19-79

Initial open flow Show cu. ft. _____ bbls.

Final production 295 M. cu. ft. per day _____ bbls.

Well open 1 hrs. before test 1205# RP.

Well treatment details: 14 days

Treated with 100,000# sand 750 bbl water and 500 gal 15% acid.

Perforations: 3985-3989' 12 holes

Casing and Tubing	Used in Drilling	Left in Well	Cement for up Cu. ft. (sks)
Size 20-16			
Cond. 13-10"	30'	30'	To surface
9 5/8			
8 5/8	804'	804'	To surface
7			
5 1/2			
4 1/2	4060'	4060'	150 sks
3			
2			
Liners Used			

Attach copy of cementing record

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OIL & GAS DIVISION

DEPT. OF MINES

Coal was encountered at 350' 386' 253' Feet See log below Inches _____

Fresh water 35' 214' Feet _____ Salt Water 1306' Feet _____

Producing Sand Benson Depth 3985-89'

Formation	Color	Hard or Soft	Top Feet	Bottom Feet	Oil, Gas or Water	* Remarks
Sand & Shale			0	140	Water	35' Fresh
Coal			140	142		
Sand & Shale			142	253	Water	214' Fresh
Coal			253	257		
Sand & Shale			257	350		
Coal			350	355		
Sand			355	386		
Coal			386	391		
Sand & Shale			391	1128		
Little Lime			1128	1210		
Big Lime			1210	1338	Water	1306' Salt
Injun			1338	1412		
Sand & Shale			1412	1530		
Gantz			1530	1690	Water	1550' Salt
Riley			3580	3740	Gas	3783'
Benson			3940	3965	Gas	4138'
Sand & Shale			3965	4138		
Total Depth				4138'		

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

By [Signature] President

(over)

* Indicates Electric Log tops in the remarks section.



STATE OF WEST VIRGINIA
DEPARTMENT OF MINES

OCT 24 1978

Oil and Gas Division
Permit Applications

Oil and Gas Division

OIL AND GAS WELL PERMIT APPLICATION

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

DATE October 19, 1978

Surface Owner Maude Brown
Address Volga, West Virginia
Mineral Owner Virgil White, Agent
Address Rt. 1, Philippi, WV
Coal Owner Maude Brown
Address Volga, Wv
Coal Operator Not Operated
Address _____

Company J & J Enterprises, Inc.
c/o Berry Energy Consultants & Mgrs., Inc.
Address 309 Professional Bldg., Clarksburg, WV
Farm Virgil White Acres 47
Location (waters) Big Run
Well No. B-203 Elevation 1400'
District Union County Barbour
Quadrangle Philippi

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

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 February 12 19 78 by Virgil White, et al made to W. B. Berry and recorded on the _____ day of _____ 19____, in Barbour County, Book 78 Page 467

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

Very truly yours, J & J Enterprises, Inc.
c/o Berry Energy Consultants & Mgrs., Inc.
(Sign Name)
OVERSEER
309 Professional Bldg.
Street
Clarksburg, WV 26301
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

BAR-1084

PERMIT NUMBER

**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: 4100 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	1600	1600	To Surface
7			
5 1/2			
4 1/2	4050	4050	To 2800
3			Perf. Top
2			Perf. Bottom
Liners			Perf. Top
			Perf. Bottom

APPROXIMATE FRESH WATER DEPTHS 60 FEET 438 SALT WATER 1570 FEET
 APPROXIMATE COAL DEPTHS 257-261
 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