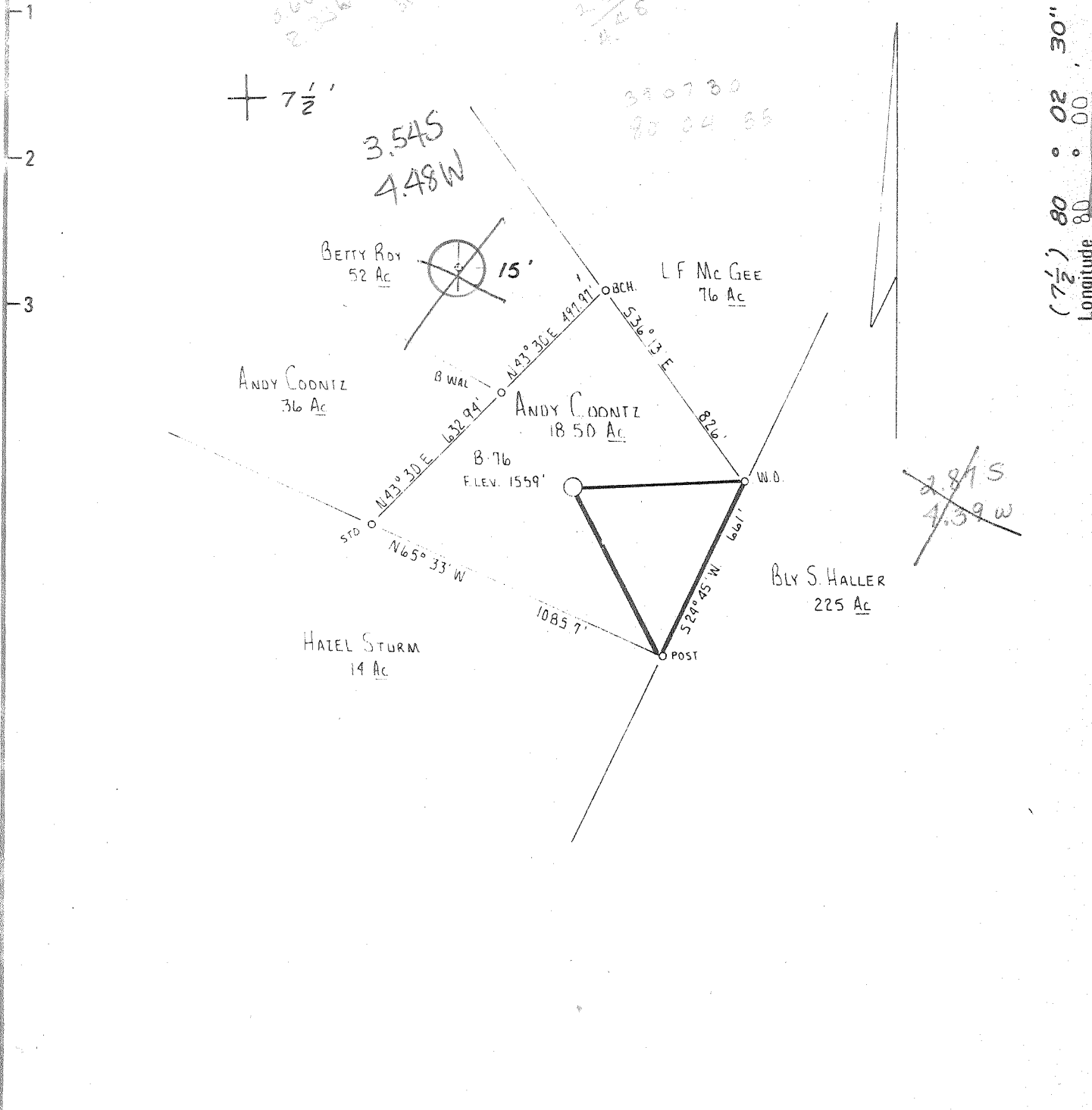


Latitude $39^{\circ} 10'$
 $7\frac{1}{2}$ $39^{\circ} 07' 30''$



New Location <input checked="" type="checkbox"/> Drill Deeper <input type="checkbox"/> Abandonment <input type="checkbox"/>	Minimum Error of Closure ONE PART IN 200 Source of Elevation BERRY ENERGY WELL B-8 ELEV. 1591' "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, INC.

Company BERRY ENERGY CONSULTANTS & MANAGERS, INC.
 Address PROFESSIONAL BUILDING, Suite 309 CLARKSBURG, WEST VIRGINIA 26301
 Farm ANDY COONTZ
 Tract Acres 18.50 Lease No. _____
 Well (Farm) No. 1 Serial No. B-76
 Elevation (Spirit Level) 1559' EC
 Quadrangle PHILIPPI, Audra 7 1/2'
 County BARBOUR District PHILIPPI
 Engineer David S. Thomas
 Engineer's Registration No. 530 LLS
 File No. _____ Drawing No. _____
 Date 6-12-15-76 Scale 1" = 500'

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

WELL LOCATION MAP
 FILE NO. BAR-845

+ 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

PSP

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STATE OF WEST VIRGINIA
DEPARTMENT OF MINES
Oil and Gas Division

OIL & GAS DIVISION
DEPT. OF MINES

WELL RECORD

Quadrangle Philippi

Permit No. BAR 845

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

Company <u>J & J Enterprises, c/o Berry Energy Consultants</u>	Casing and Tubing	Used in Drilling	Left in Well	Cement fill up Cu. ft. (Sks.)
Address <u>309 Prof. Bldg., Clarksburg</u>	Size <u>20-16</u>			
Farm <u>Andy Coontz</u> Acres <u>18 1/2</u>	Cond. <u>13-10" 11 3/4</u>	<u>19</u>	<u>19</u>	to surface
Location (waters) <u>Elk Creek</u>	<u>9 5/8</u>			
Well No. <u>B-76</u> Elev. <u>1559</u>	<u>8 5/8</u>	<u>985</u>	<u>985</u>	to surface
District <u>Philippi</u> County <u>Barbour</u>	<u>7</u>			
The surface of tract is owned in fee by <u>Andy Coontz</u>	<u>5 1/2</u>			
Address <u>Rt. 3, Philippi, W. Va.</u>	<u>4 1/2</u>	<u>4145</u>	<u>4145</u>	to 3100
Mineral rights are owned by <u>Same</u>	<u>3</u>			
Address _____	<u>2</u>			
Drilling Commenced <u>3/21/77</u>	Liners Used			
Drilling Completed <u>3/27/77</u>				
Initial open flow <u>267,000</u> cu. ft. _____ bbls.				
Final production <u>1,356,000</u> ft. per day _____ bbls.				
Well open <u>4</u> hrs. before test <u>1640</u> RP.				

Well treatment details: Attach copy of cementing record.
5/20/77 Waterfrac Benson 778 bbl; 38,000 20/40 500 gal acid
 Riley 901 bbl; 50,000 20/40 1000 gal acid

Coal was encountered at 10-13; 425-428; 592-595 feet _____ Inches
 Fresh water 50; 670' Feet _____ Salt Water 1550 Feet _____
 Producing Sand Benson Riley Depth TD 4194 4058-63

Formation	Color	Hard or Soft	Top Feet	Bottom Feet	Oil, Gas or Water	* Remarks
Clay			0	10		* Log Tops
Coal			10	13		Big Lime 1241
Sand			13	110	H ² O 50'	Big Injun 1452
Shale Sand			110	425		Gantz 1547 1579
Coal			425	428		Fifth 2117 2197
Sand Shale			428	592		Riley 3723 3845
Coal			592	595		Benson 4051 4067
Sand Shale			595	880	H ² O 670'	
Red Rock Sand			880	995		
Sand Shale			995	1200		
Little Lime			1200	1215		
Shale			1215	1260		
Big Lime			1260			
Big Injun				1465		
Sand Shale			1465	1660	2" stm 1550	
Sand			1660	1700		
Sand Shale			1700	1760		
Red Rock			1760	1790		
Sand Shale			1790	3725	Gas 3228	
Riley			3725	3825	Gas 3725	
Shale			3825	4075	Gas 3913	
Benson			4075	4095	Gas 4131	45/102" OF
Sand Shale			4095	4194		

(over)

* Indicates Electric Log tops in the remarks section.

SEP 21 1977



STATE OF WEST VIRGINIA
DEPARTMENT OF MINES

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Oil and Gas Division

OIL & GAS DIVISION
DEPT. OF MINES

OIL AND GAS WELL PERMIT APPLICATION

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

Surface Owner Andy Coontz
Address Route 3, Philippi, W. Va.
Mineral Owner Same
Address _____
Coal Owner Lucille Chesser
Address Philippi, W. Va.
Coal Operator Not operated
Address _____

DATE March 1, 1977
J & J Enterprises, Inc., c/o
Company Berry Energy Consultants
Address 309 Professional Bldg., Clarksburg
Farm Andy Coontz Acres 20.18.50
Location (waters) Elk Creek
Well No. B-76 (1) Elevation 1559'
District Philippi 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 7-4-77.

[Signature]
Deputy Director - Oil & Gas Division

INSPECTOR
TO BE NOTIFIED Bill Hatfield
ADDRESS P. O. Box 385, Buckhannon, WV.
PHONE 472-4268

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 October 26, 1976 by Andy and Eulah Coontz made to W. B. Berry and recorded on the 1st day of November 1976, in Barbour County, Book _____ Page _____

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
(Sign Name) [Signature] Well Operator
309 Professional Bldg. Street
Clarksburg, W. Va. 26301 City or Town
W. Va. 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.

BAR-845 PERMIT NUMBER
47 001

"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 [Signature]
W. B. BERRY, OPERATOR

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