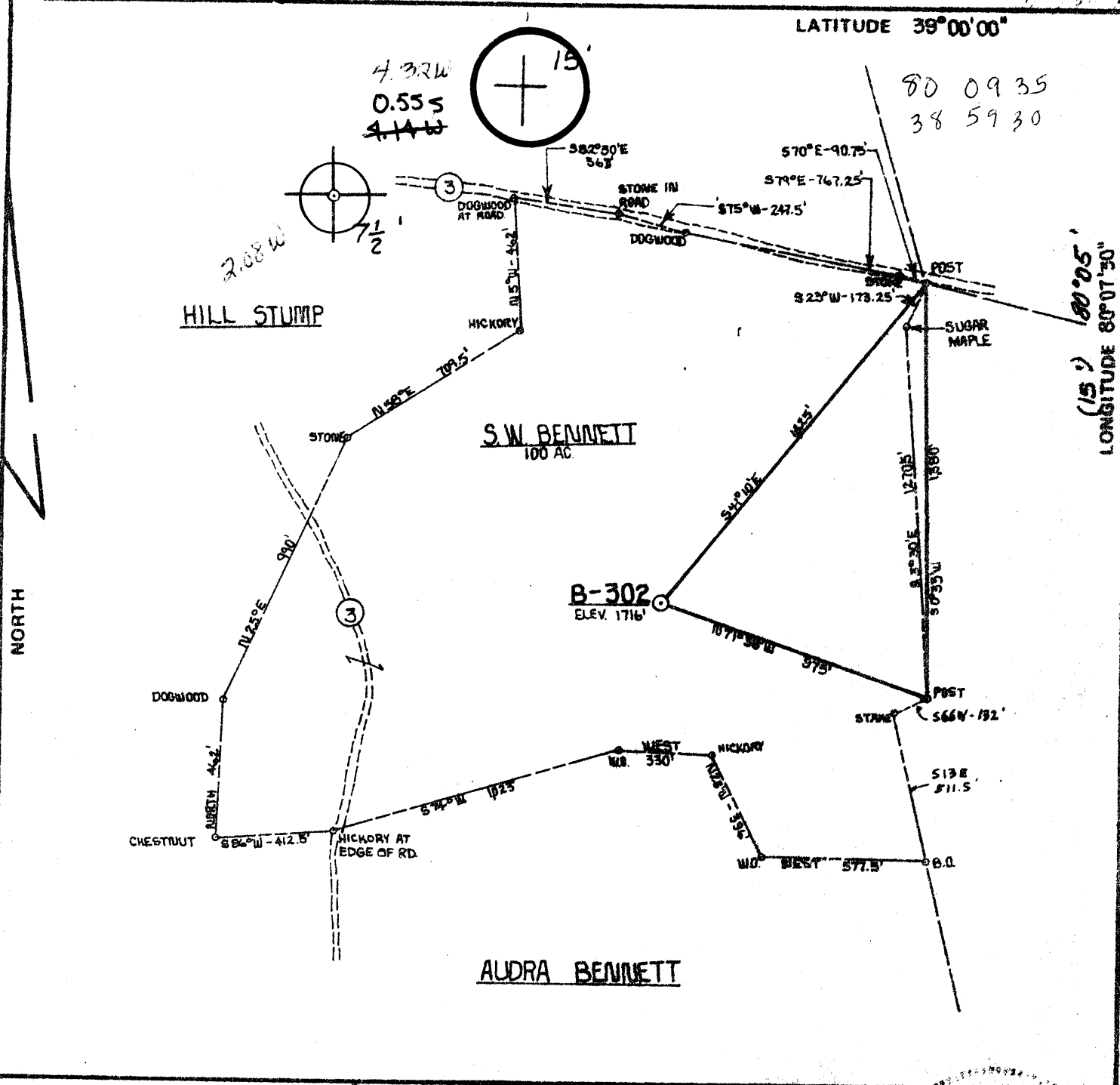


LATITUDE 39°00'00"

80 09 35  
38 59 30

LONGITUDE 80°07'50"



FILE NO. \_\_\_\_\_  
DRAWING NO. \_\_\_\_\_  
SCALE 1" = 500'  
MINIMUM DEGREE OF ACCURACY 1 PART IN 200  
PROVEN SOURCE OF ELEVATION A.L. & M. CO.  
WELL A-779 ELEV. -1611'

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) Ronald B. Wheeler  
R.P.E. \_\_\_\_\_ L.L.S. 530



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



DATE DECEMBER 21, 19 79  
OPERATOR'S WELL NO. B-302  
API WELL NO. \_\_\_\_\_  
47 - 097 - 2047  
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 1716' WATER SHED SAND RUN  
DISTRICT UNION COUNTY UPSHUR  
QUADRANGLE BUCKHANNON 7.5', S82 15' N C  
SURFACE OWNER J.W. BENNETT ACREAGE 100  
OIL & GAS ROYALTY OWNER S.W. BENNETT LEASE ACREAGE 100  
LEASE NO. 206d  
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 ESTIMATED DEPTH 4,500'  
WELL OPERATOR J. & J. ENTERPRISES, INC. DESIGNATED AGENT BERRY ENERGY CONSULTANTS & MANAGERS  
ADDRESS BERRY ENERGY CONSULTANTS & MANAGERS, INC. ADDRESS SUITE 309 - PROFESSIONAL BLDG.  
SUITE 309 - PROFESSIONAL BLDG. CLKS. W. VA. 26301 CLARKSBURG, W. VA. 26301

66 BUCKHANNON-CENTURY 257

13 1980

STATE OF WEST VIRGINIA  
DEPARTMENT OF MINES

MAR 20 1980

Oil and Gas Division

OIL & GAS DIVISION  
DEPT. OF MINES

WELL RECORD

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

Quadrangle BUCKHANNON 7.5

Permit No. UPS-2047

J & J Enterprises, Inc.

Company c/o Berry Energy Consultants, Inc.

Address 309 Professional Bldg., Clarksburg, WV

Farm S. W. Bennett Acres 100

Location (waters) Sand Run

Well No. B-302 Elev. 1716'

District Union County Upshur

The surface of tract is owned in fee by James C. Bennett

Address Rt. 4, Box 457, Buckhannon, WV

Mineral rights are owned by Same

Address \_\_\_\_\_

Drilling Commenced 2-6-80

Drilling Completed 2-11-80

Initial open flow 45 M cu. ft. \_\_\_\_\_ bbls.

Final production 622 M cu. ft. per day \_\_\_\_\_ bbls.

Well open 4 hrs. before test 1580# RP.

Well treatment details: 5 days

Casing and Tubing	Used in Drilling	Left in Well	Cement fill up Cu. ft. (Sks.)
Size 20-16			
Cond. <del>XXXX</del> 11-3/4"	30	30	To surface
9 5/8			
8 5/8	978	978	To surface
7			
5 1/2			
4 1/2	5393	5393	475 sks
3			
2			
Liners Used			

Attach copy of cementing record.

Benson treated with 140,000# sand, 710 bbl water and 500 gal acid

Perforations: 3903-3906' with 9 holes

Elk treated with 67,000# sand, 600 bbl water and 500 gal acid

Perforations: 5303-5325' with 11 holes

Coal was encountered at 48' 342' 350' Feet 24" 48" 24" Inches

Fresh water 70' Feet \_\_\_\_\_ Salt Water None Feet \_\_\_\_\_

Producing Sand Elk & Benson Depth See perfs

Formation	Color	Hard or Soft	Top Feet	Bottom Feet	Oil, Gas or Water	* Remarks
Sand & Shale			0	48	Water	70' Fresh
Coal			48	50		
Sand & Shale			50	342	Water	390' Fresh
Coal			342	346		
Sand & Shale			346	350		
Coal			350	352		
Sand & Shale			352	1250		
Big Lime			1250	1360		
Big Injun			1360	1545		
Sand & Shale			1545	2225		
Fifth			2225	3500		
Balltown			3500	3850		
Benson			3850	3950	Benson	3903-3906'
Sand & Shale			3950	5303		
Elk			5303	5325	Gas	5303'
Total Depth				5343'		

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

By: *[Signature]*

(over)

\* Indicates Electric Log tops in the remarks section.

APR 9 1980



STATE OF WEST VIRGINIA  
DEPARTMENT OF MINES

RECEIVED

JAN 10 1980

Oil and Gas Division

OIL & GAS DIVISION  
DEPT. OF MINES

OIL AND GAS WELL PERMIT APPLICATION

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

DATE January 8, 1980  
J & J Enterprises, Inc.  
 Company c/o Berry Energy Cons. & Mgrs., Inc.  
Clarksburg, WV  
 Address  
 Farm S. W. Bennett Acres 100  
 Location (waters) Sand Run  
 Well No. B-302 Elevation 1716'  
 District Union County Upshur  
 Quadrangle Buckhannon 7.5'

Surface Owner James C. Bennett  
 Address Rt. 4, Box 457, Buckhannon, WV 26201  
 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 9-11-80

INSPECTOR  
 TO BE NOTIFIED Robert Stewart  
 ADDRESS P. O. Box 345, Jane Lew, WV  
 PHONE 884-7782

Robert H. Bell  
 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 April 4 19 79 by James C. Bennett, et al made to W. B. Berry and recorded on the 11th day of April 19 79 in Upshur County, Book 62 Page 140  
 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

Very truly yours, J & J Enterprises, Inc.  
c/o Berry Energy Cons. & Mgrs., Inc.  
 (Sign Name) [Signature]  
 Well Operator  
308-309 Professional Building  
 Address \_\_\_\_\_ Street \_\_\_\_\_  
 of \_\_\_\_\_  
 Well Operator 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.

47-097-2047

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 X DRILL \_\_\_\_\_ DEEPEN \_\_\_\_\_ FRACTURE-STIMULATE \_\_\_\_\_  
 DRILLING CONTRACTOR: (If Known) RESPONSIBLE AGENT:  
 NAME S. W. Jack Drilling Co. NAME Jim Willett  
 ADDRESS Buckhannon, WV ADDRESS S. W. Jack Drilling Co.  
 TELEPHONE 472-9403 TELEPHONE 472-9403  
 ESTIMATED DEPTH OF COMPLETED WELL: 5430' 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			
<del>11-3/4</del>	30'	30'	To Surface
9 - 5/8			
8 - 5/8	850'	850'	135 Sks.
7			
5 1/2			
4 1/2	5500'	5500'	200 Sks.
3			Perf. Top
2			Perf. Bottom
Liners			Perf. Top
			Perf. Bottom

APPROXIMATE FRESH WATER DEPTHS Unknown FEET SALT WATER None FEET  
 APPROXIMATE COAL DEPTHS Unknown  
 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