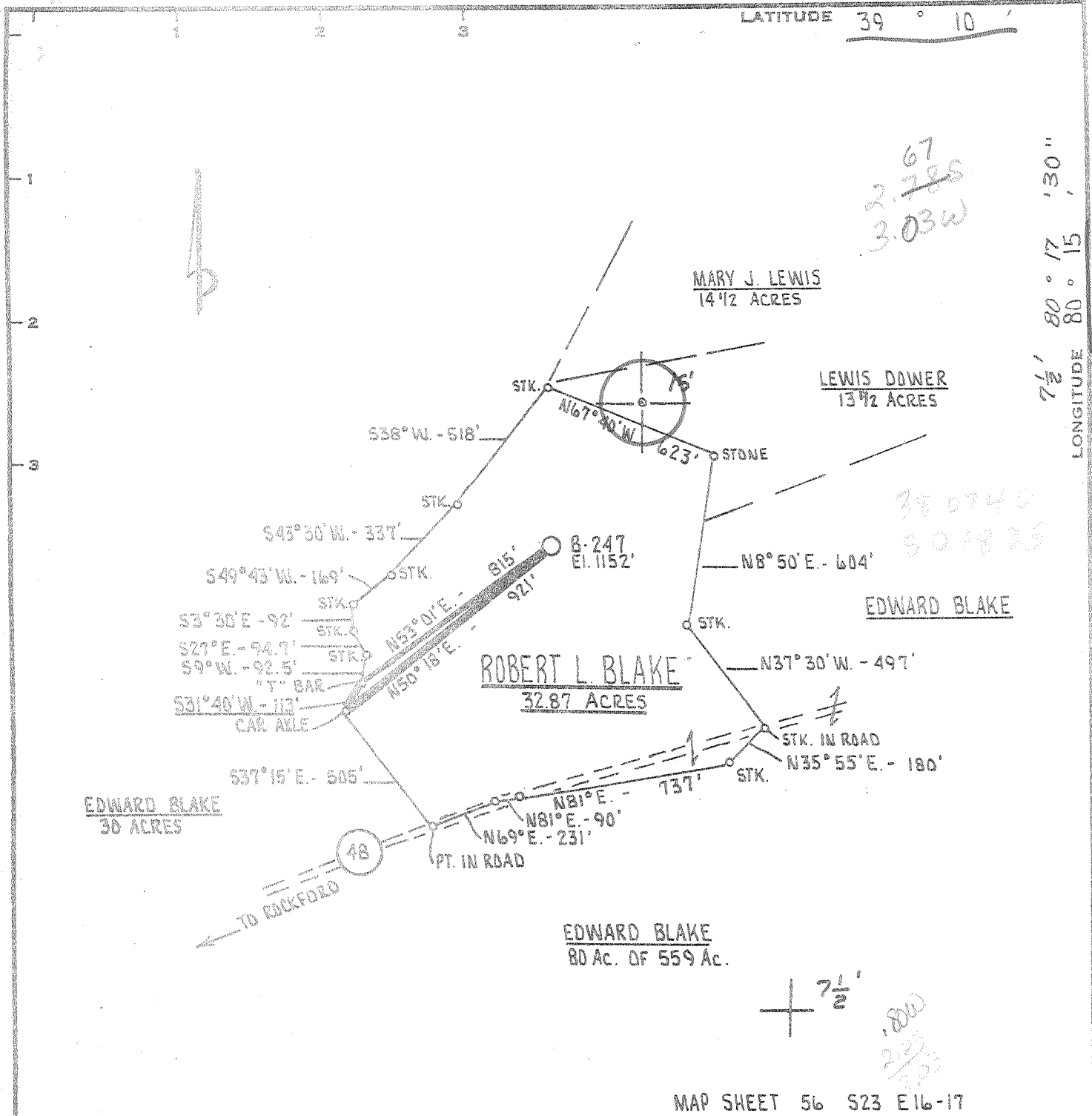


LATITUDE 39° 10'

LONGITUDE 80° 17' 30"  
80° 15'



MAP SHEET 56 S23 E16-17

Minimum Error of Closure ONE PART IN 200  
 Source of Elevation CHISLED "O" ON SOUTH CONC. BRIDGE ABUTMENT  
Jct. S.L.S. Rt. 48 1/2 S.L.S. 48/4 - U.E. ELEVATION 1100'  
 "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."

- New Location
- Drill Deeper
- Abandonment

Company J.J. ENTERPRISES  
BERRY ENERGY CONSULTANTS & MANAGERS, INC.  
 Address PROFESSIONAL BUILDING SUITE 309  
CLARKSBURG WEST VIRGINIA 26301

Farm ROBERT L. BLAKE

Tract Acres 32.87 Lease No. 1074

Well (Farm) No. B-247 Serial No. B-247

Elevation (Spirit Level) 1152' EC

Quadrangle WESTON, MT. CLARE 7 1/2

County HARRISON District GRANT

Engineer Daniel L. Wheeler

Engineer's Registration No. 530 L.L.S.

File No. 6 Drawing No. 6

Date OCTOBER 4<sup>th</sup> 1978 Scale 1" = 500'

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

WELL LOCATION MAP  
 FILE NO. HAR-1960

+ 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.

47-033 NOV 13 1978



STATE OF WEST VIRGINIA  
DEPARTMENT OF MINES

Oil and Gas Division

WELL RECORD

RECEIVED

AUG 22 1979

47-033-1960

OIL & GAS DIVISION  
DEPT. OF MINES

Quadrangle WESTON

Permit No. HAR-1960

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 Robert L. Blake Acres 32.87

Location (waters) Lost Creek

Well No. B-217 Elev. 1152'

District Grant County Harrison

The surface of tract is owned in fee by Robert L. Blake

Address Route #2, Box 267, Lost Creek, WV

Mineral rights are owned by Same

Address \_\_\_\_\_

Drilling Commenced 11-22-78

Drilling Completed 12-2-78

Initial open flow 15 M cu. ft. \_\_\_\_\_ bbls.

Final production 267 cu. ft. per day \_\_\_\_\_ bbls.

Well open 4 hrs hrs. before test 1140 RP.

Well treatment details: 14 days

Attach copy of cementing record.

Treated in Benson with 40,000# sand, 537 bbl water and 500 gal 15% acid, Abrasi-Jet in open hole

Casing and Tubing	Used in Drilling	Left in Well	Cement fill up Cu. ft. (Sks.)
Size 20-16			
Cond. 11-3/4"	28	28	To surface
13-10"			
9 5/8			
8 5/8	970	970	To surface
7			
5 1/2			
4 1/2	4254	4254	165 Sks
3			
2			
Liners Used			

Coal was encountered at 64' 70' 445' Feet 24" 24" 36" Inches

Fresh water 50' 150' Feet Salt Water 1st Stratum @ 1675' Feet

Producing Sand Benson Depth 4215-4245'

Formation	Color	Hard or Soft	Top Feet	Bottom Feet	Oil, Gas or Water	* Remarks
Shale & Clay			0	30		
Sand & Shale			30	64		
Coal			64	66	Water	50' Fresh
Sand & Shale			66	70		
Coal			70	72		
Sand & Shale			72	445		
Coal			445	448		
Sand & Shale			448	1310		
Big Lime			1310	- - -	Water	450' Fresh
Big Injun			- - -	1480		
Sand & Shale			1480	1660		
Gantz Sand			1660	1760	Water	1675' Salt
Sand & Shale			1760	2210		
Fifth Sand			2210	2250		
Sand & Shale			2250	4215		
Benson			4215	4245	Gas	Benson 15 M
Total Depth			4370'			

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

By: W. B. Berry President

Indicates Electric Log tops in the remarks section.

(over)

SEP 7 1979



STATE OF WEST VIRGINIA  
DEPARTMENT OF MINES

RECEIVED

OCT 27 1978

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 October 24, 1978

Surface Owner Robert L. Blake  
Address Rt. 2, Box 267, Lost Creek, WV  
Mineral Owner Same  
Address \_\_\_\_\_  
Coal Owner Same  
Address \_\_\_\_\_  
Coal Operator Not Operated  
Address \_\_\_\_\_

Company J & J Enterprises, Inc.  
c/o Berry Energy Consultants & Mgrs., Inc.  
Address 309 Professional Bldg., Clarksburg, WV  
Farm Robert L. Blake Acres 32.87  
Location (waters) Lost Creek  
Well No. B-247 Elevation 1152  
District Grant County Harrison  
Quadrangle Weston

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  
operations have not commenced by 3-1-79

INSPECTOR Paul Garrett  
TO BE NOTIFIED  
ADDRESS Clarksburg, W. Va.  
PHONE 622-3871

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 November 18 1978 by R. Blake made to W. B. Berry and recorded on the \_\_\_\_\_ day of \_\_\_\_\_ 19\_\_\_\_, in Harrison County, Book 1064 Page 1052

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 ~~XXXXXXXXXXXXXXXXXXXX~~ 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 Consultants & Mgrs., Inc.  
(Sign Name) Paul Garrett

Address  
of  
Well Operator

309 Professional Bldg.  
Street  
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.

BLANKET BOND

HAR-1960

47-033

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:  4250  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	1000	1000	To Surface
7			
5 1/2			
4 1/2	4200	4200	To 3500
3			Perf. Top
2			Perf. Bottom
Liners			Perf. Top
			Perf. Bottom

APPROXIMATE FRESH WATER DEPTHS  Unknown  FEET SALT WATER   FEET

APPROXIMATE COAL DEPTHS  Below

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