

NOTES: LATITUDE, LONGITUDE, WELL AND CORNER TIES FROM DGPS SUB-METER SURVEY OF VARIOUS DATES.

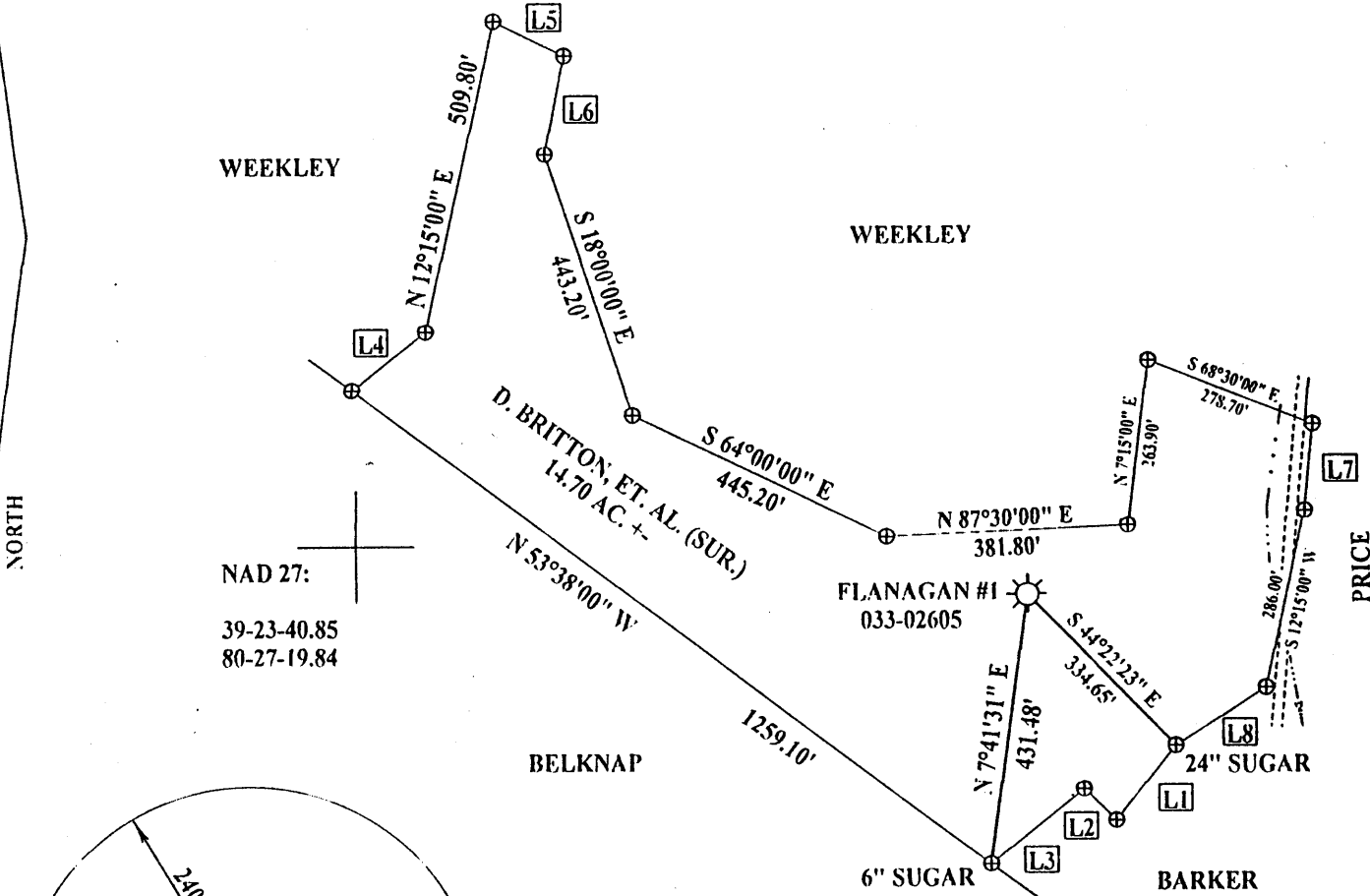
SURFACE, ADJOINER AND BOUNDARY INFORMATION FROM COURT HOUSE.

LATITUDE 39-25-00

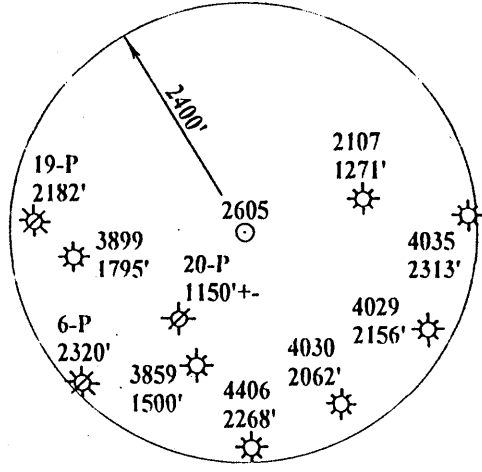
SCALED COOR.:

7,895' SOUTH  
11,060' WEST

LONGITUDE 80-25-00



NAD 27:  
39-23-40.85  
80-27-19.84



Id	Bearing	Distance
L1	S 38°15'00" W	151.00'
L2	N 45°30'00" W	71.00'
L3	S 51°00'00" W	190.00'
L4	N 51°50'00" E	149.50'
L5	S 64°15'00" E	123.70'
L6	S 11°00'00" W	159.50'
L7	S 6°00'00" W	138.40'
L8	S 57°45'00" W	170.00'

NAD 27 WV NORTH SPC:

FLANAGAN #1 - 327,296.53'  
1,729,964.61'

(+) DENOTES LOCATION OF WELL ON UNITED STATES TOPOGRAPHIC MAPS

FILE NUMBER: \_\_\_\_\_  
 DRAWING NUMBER: PGFLAN1.PCS  
 SCALE: 1" = 300'  
 MINIMUM DEGREE OF ACCURACY: 1 IN 200  
 PROVEN SOURCE OF ELEVATION: DGPS SURVEY  
SUBMETER SYSTEM

I THE UNDERSIGNED, HEREBY STATE 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 ENERGY.

(SIGNED) \_\_\_\_\_  
 STEPHEN D. LOSH, P.S. #674



STATE OF WEST VIRGINIA  
 DIVISION OF ENVIRONMENTAL PROTECTION  
 OFFICE OF OIL AND GAS  
 #10 McJUNKIN ROAD  
 NITRO, WV 25143-2506

LAND SURVEYING SERVICES  
 21 CEDAR LANE, BRIDGEPORT, WV 26330  
 PHONE: 304-842-2018 OR 842-5762

DATE: AUGUST 26, 2003

OPERATORS WELL NO.: ALLEN #1

API WELL NO. \_\_\_\_\_

47 - 033 - 02605 F  
 STATE COUNTY PERMIT

WELL TYPE: OIL \_\_\_ GAS X LIQUID INJECTION \_\_\_ WASTE DISPOSAL \_\_\_  
 (IF "GAS") PRODUCTION X STORAGE \_\_\_ DEEP \_\_\_ SHALLOW X

LOCATION: ELEVATION 1141.04' WATERSHED LAUREL RUN

DISTRICT SARDIS COUNTY HARRISON

QUADRANGLE WALLACE LEASE NUMBER \_\_\_\_\_

SURFACE OWNER DENISE BRITTON, ET. AL. ACREAGE 14.70

OIL & GAS ROYALTY OWNER RUTHAN HALL, ET. AL. LEASE ACREAGE 50.00

PROPOSED WORK: DRILL \_\_\_ CONVERT \_\_\_ DRILL DEEPER \_\_\_ REDRILL \_\_\_ FRACTURE OR STIMULATE X PLUG OFF OLD FORMATION \_\_\_  
 PERFORATE NEW FORMATION \_\_\_ OTHER PHYSICAL CHANGE (SPECIFY) \_\_\_\_\_

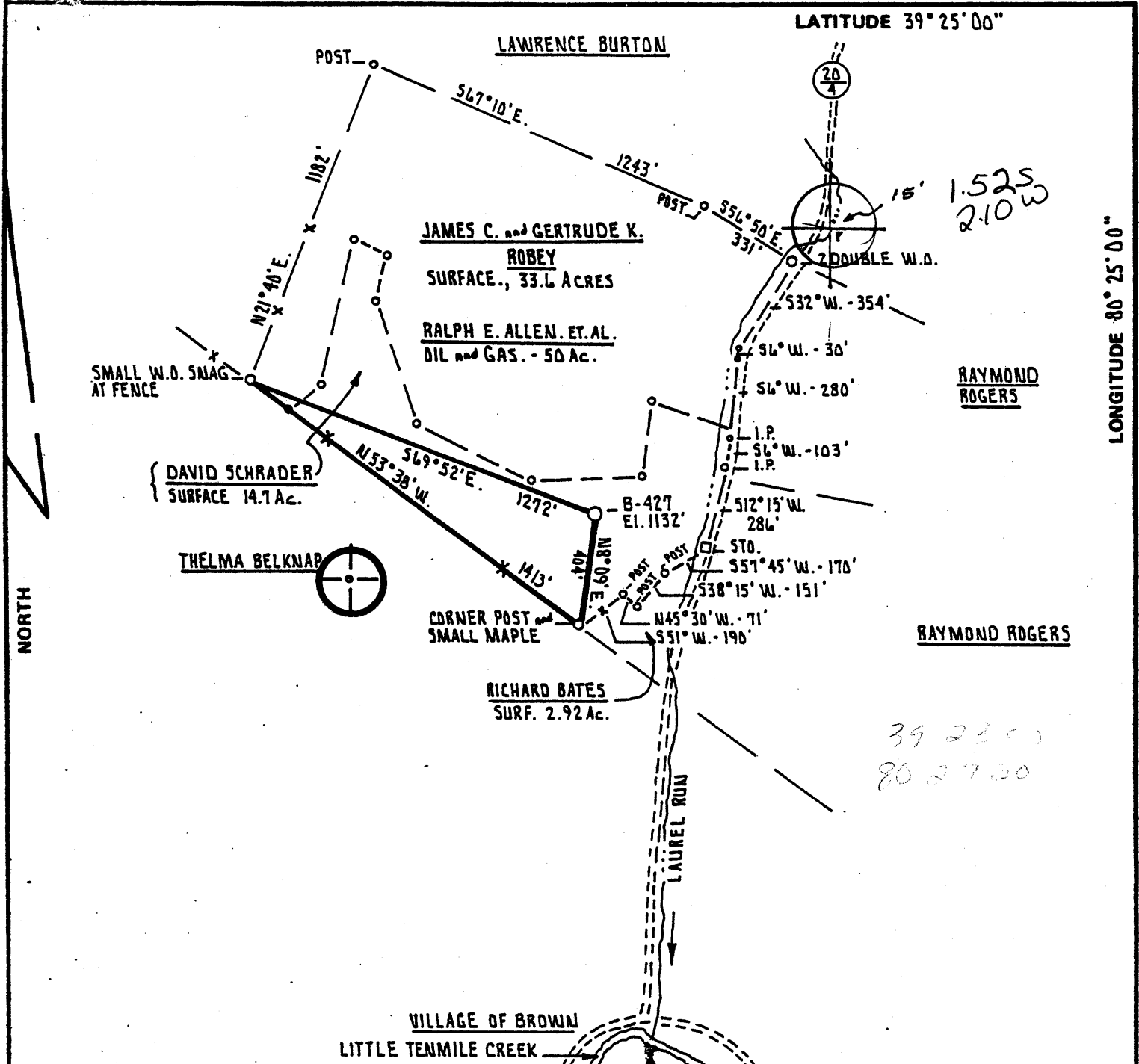
TARGET FORMATION GORDON PLUG & ABANDON \_\_\_ CLEAN OUT & REPLUG \_\_\_  
 ESTIMATED DEPTH 2600'

WELL OPERATOR PG OIL AND GAS DESIGNATED AGENT PERRY GAINS

ADDRESS RT. 3, BOX 488 CLARKSBURG, WV 26301 ADDRESS RT. 3, BOX 488 CLARKSBURG, WV 26301

COUNTY NAME HARRISON  
 PERMIT 2605 F

6-6 (104)



FILE NO. D.E. 4-71 RH  
 DRAWING NO. VAR. 1-50  
 SCALE 1" = 500'  
 MINIMUM DEGREE OF ACCURACY 1 PART IN 200  
 PROVEN SOURCE OF ELEVATION ROAD JUNCTION 1800' ± SOUTH OF LOCATION ELEV: 993'

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) Steven R. Huntz  
 R.P.E. \_\_\_\_\_ L.L.S. 701



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



DATE FEBRUARY 5<sup>th</sup>, 19 81  
 OPERATOR'S WELL NO. 8-427  
 API WELL NO. 47 - 033 - 2605  
 STATE COUNTY PERMIT

STATE OF WEST VIRGINIA  
 DEPARTMENT OF MINES  
 OIL AND GAS DIVISION

WELL TYPE: OIL  GAS  LIQUID INJECTION  WASTE DISPOSAL   
 (IF "GAS,") PRODUCTION  STORAGE  DEEP  SHALLOW   
 LOCATION: ELEVATION 1132' 1141' WATER SHED LAUREL RUN OF LITTLE TENMILE CREEK  
 DISTRICT SARDIS COUNTY HARRISON  
 QUADRANGLE WALLACE T5 Clarksburg WC  
 SURFACE OWNER DAVID SCHRADER ACREAGE 14.1 Ac.  
 OIL & GAS ROYALTY OWNER RALPH E. ALLEN, ET. AL. LEASE ACREAGE 50 Ac.  
 LEASE NO. 2159  
 PROPOSED WORK: DRILL  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 5100'  
 WELL OPERATOR J & J ENTERPRISES, INC. DESIGNATED AGENT BERRY ENERGY CONSULTANTS AND MANAGERS INC.  
 ADDRESS 10 BERRY ENERGY CONSULTANTS AND MANAGERS INC. ADDRESS SUITE 309 PROFESSIONAL BUILDING  
SUITE 309 PROFESSIONAL Bldg. CLARKSBURG WEST VIRGINIA 26301 CLARKSBURG WEST VIRGINIA 26301



STATE OF WEST VIRGINIA  
DEPARTMENT OF MINES  
Oil and Gas Division  
WELL RECORD

406 1 1981  
DEPT. OF MINES

Quadrangle Wallace 7.5  
Permit No. Harr-2605

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

Company J & J Enterprise % Berry Energy Cons. & Mgrs.  
Address P.O. Box 5, Clarksburg, W. Va.  
Farm Ralph E Allen et al Acres 50  
Location (waters) Laurel Run & Little Ten Mile  
Well No. B-427 Elev. 1132-1141'  
District Sardis County Harrison  
The surface of tract is owned in fee by David Schrader  
Address Rt. 1, Wallace, W. Va.  
Mineral rights are owned by Ralph E Allen  
Address Rt. 3, Box 544, Clarksburg, W. Va.  
Drilling Commenced 5/18/81  
Drilling Completed 5/24/81  
Initial open flow 133M cu. ft. \_\_\_\_\_ bbls.  
Final production 169M cu. ft. per day \_\_\_\_\_ bbls.  
Well open 14 days hrs. before test 850# RP.

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"	22	22	Pulled
9 5/8			
8 5/8	1314	1314	320 Sks
7			
6 1/2			
4 1/2	3870	3870	200 Sks
3			
2			
Liners Used			355 Sks - Plug

Well treatment details:

Attach copy of cementing record.

Started logging at 7:00a.m. on the 24 day of May, 1981. Ran 3870 of 4 1/2";  
Latch down 3860', set one baffle at 3495 - 39/16; Cemented well with 200 Sks 50/50 POZ;  
Plugged Benson with 35 Sks 50/50 POZ. (FRACED 6-10-81) Ballt-  
Fraced Balltown; 10,000 - 80/100, 80,000 - 20/40 - 660 Bbls. Perf. 3788-3813 13 holes  
" Speechly; 10,000 - 80/100, 34,000 - 20/40 - 420 Bbls. Perf. 3482-3487 13 holes Sp.  
Coal was encountered at 80-84 145-147 - 855-860 Feet \_\_\_\_\_ Inches  
Fresh water 65' 975-980 - 1045-1050 Feet \_\_\_\_\_ Salt Water \_\_\_\_\_ None \_\_\_\_\_ Feet \_\_\_\_\_  
Producing Sand Balltown & Speechly Depth 3495

Formation	Color	Hard or Soft	Top Feet	Bottom Feet	Oil, Gas or Water	* Remarks
Cond			0	40		
Sand			40	80	65' @ 1" water	
Coal			80	84		
Sand			84	145		
Coal			145	147		
Shale & Red Rock			147	290		
Sand			290	435		
Sand & Shale			435	580		
Sand			580	855		
Coal			855	860		
Sand & Shale			860	975		
Coal			975	980		
Sandy Shale			980	1045		
Coal			1045	1050		
Sand & Shale			1050	1870		
Little Lime			1870	1895		
Sand & Shale			1985	1905		
Big Lime			1905	1990		
Sand & Shale			1990	2700	Gas ck @ 2170' - 2/10 - 2" water	
Sand			2700	2730	Gas ck @ 2635', 14/10- 2" water	
Sand & Shale			2730	3720	Gas ck @ 3530' - 10/10 2" water	
Sand			3720	4935	Gas ck @ 4710 - 8/10 - 2" water	
Brown Sand			4935	4950	Gas ck @ 10 jt. down 6/10 2" water	
Shale			4950	5114		

(over)

\* Indicates Electric Log tops in the remarks section.

J & J Enterprise %  
Berry Energy Const. & Mgrs.  
P.O. Box 5, Clarksburg, W. Va.

BY: W B Berry 17 1981



STATE OF WEST VIRGINIA  
DEPARTMENT OF MINES

RECEIVED

APR 27 1981

OIL & GAS DIVISION DEPT. OF MINES  
Oil and Gas Division

OIL AND GAS WELL PERMIT APPLICATION

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

DATE March 11, 1981  
J & J Enterprises, Inc.  
 Company c/o Berry Energy Consultants, Inc.  
 Address Clarksburg, W. Va.  
 Farm Ralph E. Allen, et al Acres 50  
 Location (waters) Laurel Run of Little Ten Mile  
 Well No. B-427 Elevation 3322 1141'  
 District Sardis County Harrison  
 Coal Owner Willis G. Tetrick, Jr.  
 Address Union Nat. Bank Center, Clarksburg, WV  
 Coal Operator None  
 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 1-12-82.

INSPECTOR  
 TO BE NOTIFIED Stephen Casey  
 ADDRESS: Rt. #2, Box 232-D  
Jane Lew, W. Va.  
 PHONE 884-7470

[Signature]  
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 1-21-81 19   by Ralph E. Allen et al made to W. B. Berry and recorded on the 3rd day of February 19  81 in Harrison County, Book 1099 Page 857

XXXXX 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.

PLEASE SUBMIT COPIES OF ALL GEOPHYSICAL LOGS DIRECTLY TO:

(Sign Name) [Signature]  
Well Operator

WEST VIRGINIA GEOLOGICAL AND ECONOMIC SURVEY  
P. O. BOX 879  
MORGANTOWN, WEST VIRGINIA 26505  
AC-304 - 292-6331

Address of Well Operator 308-309 Professional Building Street  
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.

BLANKET BOND

**THIS IS AN ESTIMATE ONLY**  
**ACTUAL INFORMATION WILL BE SUBMITTED ON OG-10 UPON COMPLETION**

PROPOSED WORK ORDER TO XXXX DRILL \_\_\_\_\_ DEEPEN \_\_\_\_\_ FRACTURE-STIMULATE \_\_\_\_\_  
 DRILLING CONTRACTOR: (If Known) RESPONSIBLE AGENT:  
 NAME S. W. Jack Drilling Company NAME W. B. Berry  
 ADDRESS Buckhannon, WV ADDRESS Clarksburg, W. Va.  
 TELEPHONE \_\_\_\_\_ TELEPHONE 472-9403  
 ESTIMATED DEPTH OF COMPLETED WELL: \_\_\_\_\_ ROTARY XX CABLE TOOLS \_\_\_\_\_  
 PROPOSED GEOLOGICAL FORMATION: \_\_\_\_\_  
 TYPE OF WELL: OIL \_\_\_\_\_ GAS XXX 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>13-10</del> 11-3/4"	30'	30'	To surface
9 - 5/8			
8 - 5/8	1300'	1300'	To surface
7			
5 1/2			
4 1/2	5100'	5100'	350 sks
3			Perf. Top
2			Perf. Bottom
Liners			Perf. Top
			Perf. Bottom

APPROXIMATE FRESH WATER DEPTHS 45' FEET SALT WATER None FEET  
 APPROXIMATE COAL DEPTHS Various  
 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

State of West Virginia  
Division of Environmental Protection  
Section of Oil and Gas

Rework

Well Operator's Report of Well Work

Farm Name: Allen Operator Well No. #1

LOCATION: Elevation: 1132 1141' Quadrangle: Wallace  
District: \_\_\_\_\_ County: Harrison  
Latitude: 2895 Feet S. of 39 Deg. 25 Min. 00 Sec.  
Longitude: 11060 Feet W. of 80 Deg. 25 Min. 00 Sec.

Company: P6 Oil & Gas / Perry B Gains

Address:	Casing & Tubing	Used in Drilling	Left in Well	Cement fill up Cu. Ft.
<u>Rt 3 Box 488 Clarksburg WV 26301</u>				
Agent: <u>Perry Gains</u>				
Inspector: <u>Tim Bennett</u>				
Date Permit Issued: <u>4/16/04</u>				
Date Well Work Commenced: <u>7/13/04</u>				
Date Well Work Completed: <u>7/29/04</u>				
Verbal Plugging:				
Date Permission Granted on:				
Rotary Cable Rig				
Total Depth (ft):				
Fresh Water Depth (ft):				
Salt Water Depth (ft):				

See Orig. Comp Rpt Attached

Is coal being mined in the area (Y/N)? N  
Coal Depths (ft): \_\_\_\_\_

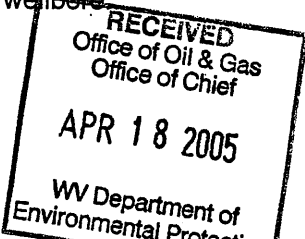
OPEN FLOW DATA

Producing formations	Pay zone depth (ft)
<u>Balltown</u>	<u>3788</u>
<u>Speechley</u>	<u>3482</u>
<u>Gordon</u>	<u>2600</u>
_____	_____
_____	_____

Gas: Initial open flow \_\_\_\_\_ Mcf/d. Oil: Initial open flow \_\_\_\_\_ Bbl/d  
Final open flow 75 Mcf/d. Final open flow 5 Bbl/d  
Time to open flow between initial and final tests: 8 Hours  
Static rock Pressure 150 psig (surface press.) after 8 Hours

NOTE: On back of this form put the following: 1) Details of perforated intervals, fracturing or stimulating, physical change, etc. 2) The well log which is a systematic detailed geological record of all formations, including coal encountered by the wellbore

Signed: [Signature]  
By: [Signature]  
Date: 4-12-05



HAR 2605 F  
APR 22 2005

### HYDRAULIC FRACTURING DETAILS

STAGE	FORMATION	PERFORATIONS	SAND
1st	Gordon/Gordon St.	# of shots	20/40
		12	12,400 #
Set Plug under Gordon St. - Squeeze 140 Sks cmt. Frased Gordon & drilled out Plug to original TD			

Attached: See Original Comp. Report on File for below inform.

#### DRILLERS LOG

FORMATION	FROM	TO

#### ELECTRIC LOG

FORMATION	FROM	TO