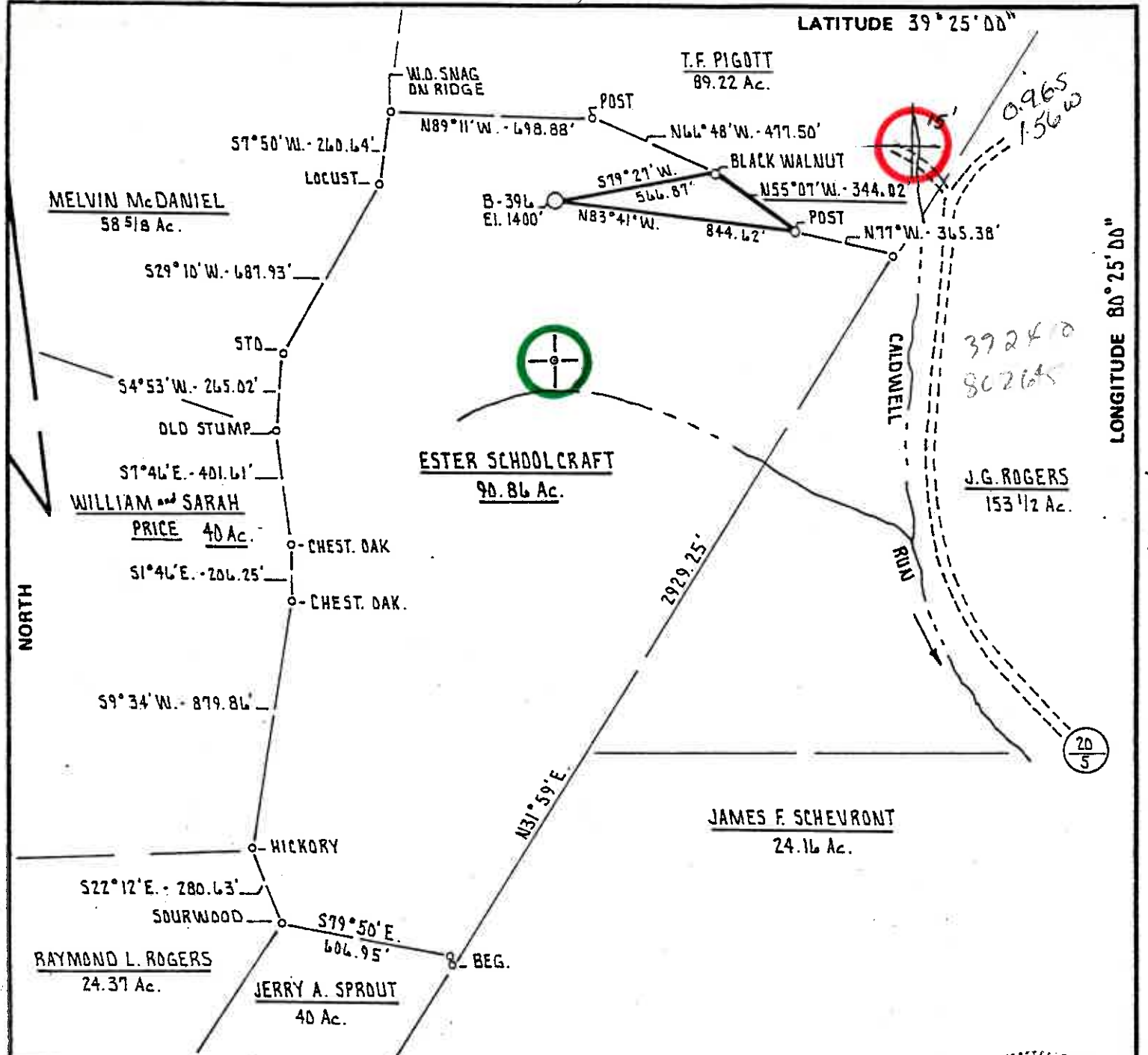


ch 4/3

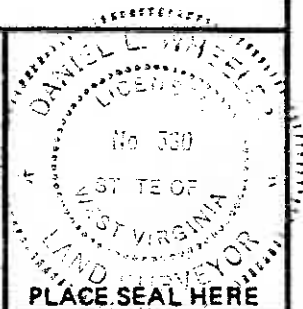
Plot Card CSD

8000



FILE NO. D.E. #1 PAGE 60
 DRAWING NO. _____
 SCALE 1" = 500'
 MINIMUM DEGREE OF ACCURACY 1 PART IN 200
 PROVEN SOURCE OF ELEVATION INTERSECTION RT. 20/5 AND RT. # 20 ELEVATION 972'

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) [Signature]
 R.P.E. _____ L.L.S. 530



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



DATE OCTOBER 3rd 19 80
 OPERATOR'S WELL NO. B-396
 API WELL NO. _____
47 - 033 - 2573
 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 ___ STORAGE ___ DEEP ___ SHALLOW X
 LOCATION: ELEVATION 1400' WATER SHED CALDWELL RUN
 DISTRICT SARDIS COUNTY HARRISON
 QUADRANGLE WALLACE 7.5' Clarksburg WV
 SURFACE OWNER CLIFFORD and MARY COMPTON ACREAGE 90.86 Ac.
 OIL & GAS ROYALTY OWNER ESTER SCHOOLCRAFT LEASE ACREAGE 100 Ac.
 LEASE NO. 2076
 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 5100'
 WELL OPERATOR J. and J. ENTERPRISES INC. DESIGNATED AGENT BERRY ENERGY CONSULTANTS and MANAGERS, INC.
 ADDRESS BERRY ENERGY CONSULTANTS and MANAGERS INC. SUITE 309 PROFESSIONAL BUILDING SUITE 309 PROFESSIONAL BLDG: CLARKSBURG, W.Va. 26301 ADDRESS CLARKSBURG WEST VIRGINIA 26301

6-6 Brown-Lumberport RR 22 1981 (104)



IV-35
(Rev 8-81)

RECEIVED

SEP 29 1983

**OIL & GAS DIVISION
DEPT. OF MINES**

State of West Virginia
Department of Mines
Oil and Gas Division

Date February 5, 1982
Operator's Well No. B-396
Farm Ester Schoolcraft
API No. 47-033-2573 Rev

Revised

WELL OPERATOR'S REPORT
OF

DRILLING, FRACTURING AND/OR STIMULATING, OR PHYSICAL CHANGE

WELL TYPE: Oil / Gas X / Liquid Injection / Waste Disposal /
(If "Gas," Production X / Underground Storage / Deep / Shallow X /)

LOCATION: Elevation: 1400' Watershed Caldwell Road
District: Sardis County Harrison Quadrangle Wallace 7.5

COMPANY J & J Enterprise Inc. %
Berry Energy Consultants & Mgrs.
ADDRESS P.O. Box 5, Clarksburg W. Va 26301
DESIGNATED AGENT SAME
ADDRESS SAME
SURFACE OWNER Clifford & Mary Compton
ADDRESS Rt #2, Box 318, Gladys, W. Va.
MINERAL RIGHTS OWNER Ester Schoolcraft et al
ADDRESS Gladys, Star Route, W. Va.
OIL AND GAS INSPECTOR FOR THIS WORK Stephen
Casey Rt 2, Box 232-D ADDRESS Jane Lew, WVa 26378
PERMIT ISSUED December 14, 1981
DRILLING COMMENCED 1-27-82
DRILLING COMPLETED 2-4-82

Casing & Tubing	Used in Drilling	Left in Well	Cement fill up Cu. ft.
Size 20x16 Cond.	11-3/4 31'	31'	
13-10"			
9 5/8			
8 5/8	1427.60	1427.60'	450 Sks.
7			
5 1/2			
4 1/2	4058	4058	250 Sks.
3			50/50 P0Z
2			
Liners used			

GEOLOGICAL TARGET FORMATION BENSON Depth 5100' feet
Depth of completed well TD 5413 feet Rotary X / Cable Tools
Water strata depth: Fresh 75' feet; Salt None feet
Coal seam depths: 146-150 - 233-237
309-314 - 670-675, 692-710 Is coal being mined in the area? X

OPEN FLOW DATA
Producing formation Balltown Pay zone depth 3957-3977 feet
Gas: Initial open flow Trace Mcf/d Oil: Initial open flow N/A Ebl/d
Final open flow 298,000 Mcf/d Final open flow N/A Ebl/d
Time of open flow between initial and final tests _____ hours
Static rock pressure 1500# psig (surface measurement) after 14 ^{DAYS} hours shut in
(If applicable due to multiple completion--)
Second producing formation _____ Pay zone depth _____ feet
Gas: Initial open flow _____ Mcf/d Oil: Initial open flow _____ Ebl/d
Final open flow _____ Mcf/d Oil: Final open flow _____ Ebl/d
Time of open flow between initial and final tests _____ hours ^{DAYS} 1983
Static rock pressure _____ psig (surface measurement) after _____ hours shut in

DETAILS OF PERFORATED INTERVALS, FRACTURING OR STIMULATING, PHYSICAL CHANGE, ETC.

FOAM FRACED: May 5, 1983

Balltown; 735,600 SCF N₂ with 235 Bbls. H₂O, placing 80,000, 20/40 in the formation

PERFORATION: 3957-3977 - 13 Holes

WELL LOG

FORMATION	COLOR	HARD OR SOFT	TOP FEET	BOTTOM FEET	REMARKS Including indication of all fre and salt water, coal, oil and c
Clay			0	3	
Sand			3	146	Damp @ 141'
Coal			146	150	Coal
Sand & Shale			150	233	
Coal			233	237	Coal
Sand & Shale			237	250	
Sand			250	309	
Coal & Shale			309	314	Coal & Shale
Sandesh			314	326	
Sand			326	364	
Sand & Shale			364	670	
Coal			670	675	Coal
Sand & Shale			675	692	
Coal & Slate			692	710	Coal & Slate
Sand & Shale			710	808	Water @ 710' - 3-4" Stream
Shale & Red Rock			808	813	
Sandesh			813	833	
Shale & Red Rock			833	938	
Sand & Shale			938	1138	
Sand			1138	1505	
Sand & Shale			1505	1627	3/4" Water @ 1570'
Shale			1627	1690	
Sand			1690	1740	
Sand & Shale			1740	1906	
White Sand			1906	1912	
Big Lime			1912	2030	
Sand			2030	2032	
Big Injun			2032	2130	
Sand & Shale			2130	2245	
Sand			2245	2362	
Shale			2362	2450	
Sand & Shale			2450	2630	
Fifty Foot			2630	2664	
Shale			2664	2690	
Thirty Foot			2690	2726	
Sand			2726	2740	
Gordon			2740	2766	
Shale			2766	2824	
Fourth Sand			2824	2860	

(Attach separate sheets as necessary)

J & J Enterprise Inc. %

Berry Energy Consultants & Mems.

Well Operator

By: W B Berry

Date: 9-19-83

Note: Regulation 2.02(i) provides as follows:
"The term 'log' or 'well log' shall mean a systematic
detailed geological record of all formations, including
minerals, encountered in the drilling of a well."

DETAILS OF PERFORATED INTERVALS, FRACTURING OR STIMULATING, PHYSICAL CHANGE, ETC.

PAGE 2

CONTINUED

WELL NO: B-396

PERMIT NO: 47-003-2573 Ren.

Revised

WELL LOG

FORMATION	COLOR	HARD OR SOFT	TOP FEET	BOTTOM FEET	REMARKS
					Including indication of all and salt water, coal, oil and
Brown Sand			2860	2928	
Fifth Sand			2928	2958	
Shale			2958	3140	
Sand			3140	3290	
Sand & Shale			3290	3610	
Balltown			3610	3700	
Brown Sand			3700	3825	
Shale			3825	4010	
Sand			4010	4125	
Sand & Shale			4125	4910	
Benson			4910	4920	
Brown Sand			4920	5112	
Alexander			5112	5150	
Sand & Shale			5150	5413 TD	

(Attach separate sheets as necessary)

J & J Enterprise Inc. %

Herry Energy Consultants & Engrs.

Well Operator

By: *W B Berry*

Date: 9-19-83

Note: Regulation 3.02(i) provides as follows:

"The term 'log' or 'well log' shall mean a systematic lithological record of all formations, including all encountered in the drilling of a well."

OCT 11 1983



STATE OF WEST VIRGINIA
OFFICE OF OIL AND GAS - DEPARTMENT OF MINES

OIL AND GAS WELL PERMIT APPLICATION

WELL TYPE: Oil / Gas XX /
(If "Gas", Production / Underground storage / Deep / Shallow XX /

LOCATION: Elevation: 1400' Watershed: Caldwell Road
District: Sardis County: Harrison Quadrangle: Wallace 7.5'

J & J Enterprises, Inc.
WELL OPERATOR % Berry Energy Consultants DESIGNATED AGENT Berry Energy Consultants
Address P. O. Box 5 Address P. O. Box 5
Clarksburg, WV 26301 Clarksburg, WV 26301

OIL AND GAS ROYALTY OWNER Ester Schoolcraft, et al COAL OPERATOR NOT OPERATED
Address Glady, Star Route Address
West Virginia

Acreage
SURFACE OWNER Clifford & Mary Compton COAL OWNER(S) WITH DECLARATION ON RECORD:
Address Rt. #2, Box 318 NAME Ester Schoolcraft, et al
Glady, WV Address Glady, Star Route
Acreage 100 West Virginia

FIELD SALE (IF MADE) TO:
NAME N/A Address

COAL LESSEE WITH DECLARATION ON RECORD:
NAME UNKNOWN
Address

OIL AND GAS INSPECTOR TO BE NOTIFIED:
NAME Paul Garrett
Address 321 Beech Street
Clarksburg, WV 26301
Telephone 622-3871

RECEIVED
DEC 11 1981
OIL AND GAS DIVISION
WV DEPARTMENT OF MINES

The undersigned well operator is entitled to operate for oil or gas purposes at the above location under a deed / lease X / other contract / dated 5/23, 1979, to the undersigned well operator from Ester Schoolcraft.

(If said deed, lease, or other contract has been recorded:)

Recorded on 8/21, 1979, in the office of the Clerk of County Commission of Harrison County, West Virginia, in 1082 Book at page 533. A permit is requested as follows:

PROPOSED WORK: Drill X / Drill Deeper / Redrill / Fracture or stimulate / Plug off old formation / Perforate new formation / Other physical change in well (specify)

--planned as shown on the work order on the reverse side hereof.

The above named coal operator, coal owner(s), and coal lessee are hereby notified that any objection they wish to make or are required to make by Code §22-4-3 must be filed with the Department of Mines within fifteen (15) days after receipt of this Application by the Dept. Copies of this Permit Application and the enclosed plat and reclamation plan have been mailed by registered mail or delivered by hand to the above named coal operator, coal owner(s), and coal lessees on or before the day of the mailing or delivery of this Application to the Department of Mines at Charleston, West Virginia.

PLEASE SUBMIT COPIES OF ALL GEOPHYSICAL LOGS DIRECTLY TO:
WEST VIRGINIA OIL AND GAS CONSERVATION COMMISSION
1613 WASHINGTON ST., E.
CHARLESTON, WV 25311
Telephone - 304/348-3092

BLANKET BOND

J & J Enterprises, Inc.
% Berry Energy Consultants & Mgrs. Inc.
Well Operator
By: W. B. Berry
Its: Operator

(Revised 3-81)

PROPOSED WORK ORDER

THIS IS AN ESTIMATE ONLY:
ACTUAL INFORMATION MUST BE SUBMITTED ON FORM IV-35 UPON COMPLETION

DRILLING CONTRACTOR (IF KNOWN) S. W. Jack Drilling Company

Address P. O. Box 48

Buckhannon, WV 26201

GEOLOGICAL TARGET FORMATION BENSON
Estimated depth of completed well (%L)) feet. Rotary XX / Cable tools /
Approximate water strata depths: Fresh, 75' feet; salt, none feet.
Approximate coal seam depths: various
Is coal being mined in this area: Yes / No XX /

CASING AND TUBING PROGRAM

CASING OR TUBING TYPE	SPECIFICATIONS					FOOTAGE INTERVALS		CEMENT FILL UP OR SACKS Cubic ft.	PACKERS
	Size	Grade	Weight per ft	New	Used	For Drill-ling	Left in Well		
Conductor	11 3/4					30'	30'	To surface	Kinds
Fresh water									
Coal									Sizes
Intermed.	8 5/8					1200'	1200'	To surface	
Production Tubing	4 1/2					5100'	5100'	510 sks or as required by scale 15.01	Depths set
Liners									Perforations: Top Bottom

NOTE: Regulation 7.02 of the Department of Mines provides that the original and four copies of Form IV-2 must be filed with the Department, accompanied by (i) a plat in the form prescribed by Regulation 11, (ii) a bond in one of the forms prescribed by Regulation 12, or in lieu thereof the other security allowed by Code §22-4-2, (iii) Form IV-9, "Reclamation Plan" applicable to the reclamation required by Code §22-4-12b and Regulation 23, (iv) unless previously paid on the same well, the fee required by Code §22-4-12a, and (v) if applicable, the consent required by Code §22-4-8a from the owner of any water well or dwelling within 200 feet of the proposed well.

A separate Form IV-2 shall not be required for fracturing or stimulating a well where fracturing or stimulating is to be part of the work for which a permit is sought and is noted as such on the Form IV-2 filed in connection therewith.

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 Renewed This permit shall expire if operations have not commenced by 8-14-82

Deputy Director - Oil & Gas Division

The following waiver must be completed by the coal operator and by any coal owner or coal lessee who has recorded a declaration under Code §22-4-20, if the permit is to be issued within fifteen (15) days of receipt thereof:

W A I V E R

The undersigned coal operator / owner / lessee / of the coal under this well location has examined this proposed well location. If a mine map exists which covers the area of the well location, the well location has been added to the mine map. The undersigned has no objection to the work proposed to be done at this location, provided the well operator has complied with all applicable requirements of the West Virginia Code and the governing regularions.

Date: , 19 .

By:

Its:



RECEIVED

IV-35 (Rev 8-81)

AUG - 9 1982 State of West Virginia

OIL AND GAS DIVISION WV DEPARTMENT OF MINES Department of Mines Oil and Gas Division

Date February 5, 1982 Operator's Well No. B-396 Farm Ester Schoolcraft API No. 47 - 0033 - 2573 Ren.

WELL OPERATOR'S REPORT OF DRILLING, FRACTURING AND/OR STIMULATING, OR PHYSICAL CHANGE

WELL TYPE: Oil / Gas X / Liquid Injection / Waste Disposal / (If "Gas," Production X / Underground Storage / Deep / Shallow X /)

LOCATION: Elevation: 1400' Watershed Caldwell Road District: Sardis County Harrison Quadrangle Wallace 7.5

COMPANY J & J Enterprise Inc. % Berry Energy Consultants & Mgrs. ADDRESS P.O. Box 5, Clarksburg W. Va 26301 DESIGNATED AGENT SAME ADDRESS SAME SURFACE OWNER Clifford & Mary Compton ADDRESS Rt #2, Box 318, Gladys, W. Va. MINERAL RIGHTS OWNER Ester Schoolcraft et al ADDRESS Gladys, Star Route, W. Va. OIL AND GAS INSPECTOR FOR THIS WORK Stephen Casey Rt 2, Box 232-D ADDRESS Jane Lew, WVa 26378 PERMIT ISSUED December 14, 1981 DRILLING COMMENCED 1-27-82 DRILLING COMPLETED 2-4-82

Table with 4 columns: Casing & Tubing, Used in Drilling, Left in Well, Cement fill up Cu. ft. Rows include sizes like 11-3/4, 13-10, 9 5/8, 8 5/8, 7, 5 1/2, 4 1/2, 3, 2, and Liners used.

IF APPLICABLE: PLUGGING OF DRY HOLE ON CONTINUOUS PROGRESSION FROM DRILLING OR REWORKING. VERBAL PERMISSION OBTAINED ON

GEOLOGICAL TARGET FORMATION BENSON Depth 5100' feet Depth of completed well to 5413 feet Rotary X / Cable Tools Water strata depth: Fresh 75' feet; Salt None feet Coal seam depths: 146-150 = 233-237 309-314 = 670-675, 692-710 Is coal being mined in the area? X

OPEN FLOW DATA Producing formation Balltown Pay zone depth 3957-3977 feet Gas: Initial open flow Trace Mcf/d Oil: Initial open flow N/A Bbl/d Final open flow 298,000 Mcf/d Final open flow N/A Bbl/d Time of open flow between initial and final tests hours Static rock pressure 1500# psig (surface measurement) after 14 hours shut in (If applicable due to multiple completion--)

DETAILS OF PERFORATED INTERVALS, FRACTURING OR STIMULATING, PHYSICAL CHANGE, ETC.

FOAM FRACED: May 5, 1982

Balltown; 735,600 SCF N₂ with 235 Bbls. H₂O, placing 80,000, 20/40 in the formation.

PERFORATION: 3957-3977 - 13 Holes

WELL LOG

FORMATION	COLOR	HARD OR SOFT	TOP FEET	BOTTOM FEET	REMARKS
					Including indication of all fresh and salt water, coal, oil and gas
Clay			0	3	
Sand			3	146	Damp @ 141'
Coal			146	150	Coal
Sand & Shale			150	233	
Coal			233	237	Coal
Sand & Shale			237	250	
Sand			250	309	
Coal & Shale			309	314	Coal & Shale
Sandesh			314	326	
Sand			326	364	
Sand & Shale			364	570	
Coal			670	675	Coal
Sand & Shale			675	692	
Coal & Slate			692	710	Coal & Slate
Sand & Shale			710	808	Water @ 710' - 3-4" Stream
Shale & Red Rock			808	813	
Sandyesh			813	833	
Shale & Red Rock			833	938	
Sand & Shale			938	1138	
Sand			1138	1505	
Sand & Shale			1505	1627	3/4" Water @ 1570'
Shale			1627	1690	
Sand			1690	1740	
Sand & Shale			1740	1906	
White Sand			1906	1966	
Sand & Lime			1966	1975	
Big Lime & Injun			1975	2125	
Sand & Shale			2125	2245	Gas Ck @ 2201' - No Show
Sand			2245	2362	Gas Ck @ 2716' - No Show
Shale			2362	2400	
Sand & Shale			2400	4910	Gas Ck @ 3708' - 40/10, 60/10, 1/2" w/w
Brown Sand			4910	4920	
Sand & Shale			4920	5090	Gas Ck @ 4028' - 20/10, 30/10, 1/2" w/w
Brown Sand (~ Benson)			5090	5115	
Sand & Shale			5115	5413 TD	near Alexander

(Attach separate sheets as necessary)

J & J Enterprises, Inc.

c/o Berry Energy Consultants & Mgrs.

Well Operator

By: M. B. Berry

Date: 8/5/82

Note: Regulation 2.02(i) provides as follows:
 "The term 'log' or 'well log' shall mean a systematic detailed geological record of all formations, including coal, encountered in the drilling of a well."



STATE OF WEST VIRGINIA
DEPARTMENT OF MINES

RECEIVED

APR - 2 1981

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 Clifford & Mary Compton
Address Rt. #2, Box 318, Gladys, W. Va.
Mineral Owner Ester Schoolcraft, et al
Address Gladys, Star Route, W. Va.
Coal Owner Same
Address _____
Coal Operator No Operations
Address _____

DATE October 24, 1980
Company J & J Enterprises, Inc.
c/o Berry Energy Consultants, Inc.
Address Clarksburg, W. Va.
Farm Ester Schoolcraft Acres 100
Location (waters) Caldwell Run
Well No. B-396 Elevation 1400'
District Sardis, County Harrison
Quadrangle WALLACE 7.5'

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 12-9-81.

INSPECTOR
TO BE NOTIFIED Paul Garrett
ADDRESS 321 Beech Street, Clarksburg, W. Va.
PHONE 622-3871

J. H. Murray
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 5-23-79 19 by Ester Schoolcraft made to W. B. Berry and recorded on the 21st day of August 19 79 in Harrison County, Book 1082 Page 533.

~~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, Stonewall Gas Company
c/o Berry Energy Consultants, Inc.
(Sign Name) *W. B. Berry*
Well Operator

PLEASE SUBMIT COPIES OF ALL GEOPHYSICAL LOGS DIRECTLY TO:

OFFICE OF OIL AND GAS
1615 Washington Street, East
Charleston, West Virginia
Area Code 304 -348-3092 348-3096

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

47-033-2573

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 _____

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

PROPOSED WORK ORDER TO xxx DRILL _____ DEEPEN _____ FRACTURE-STIMULATE _____
 DRILLING CONTRACTOR: (If Known) _____ RESPONSIBLE AGENT: _____
 NAME S. W. Jack Drilling Company NAME W. B. Berry
 ADDRESS Buckhannon, W. Va. ADDRESS Clarksburg, W. Va.
 TELEPHONE 172-9403 TELEPHONE 622-3450
 ESTIMATED DEPTH OF COMPLETED WELL: 5100' ROTARY xxx CABLE TOOLS _____
 PROPOSED GEOLOGICAL FORMATION: Benson
 TYPE OF WELL: OIL _____ GAS xxxx COMB. _____ STORAGE _____ DISPOSAL _____
 RECYCLING _____ WATER FLOOD _____ OTHER _____

TENTATIVE CASING PROGRAM:

CASING AND TUBING SIZE	USED FOR DRILLING	LIFT 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	1200'	1200'	To surface
7			
5 1/2			510
4 1/2	5100'	5100'	400 sks <i>at 20'</i>
3			Perf. Top <i>slgd. by rule</i>
2			Perf. Bottom <i>1500'</i>
Liners			Perf. Top
			Perf. Bottom

APPROXIMATE FRESH WATER DEPTHS 75 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