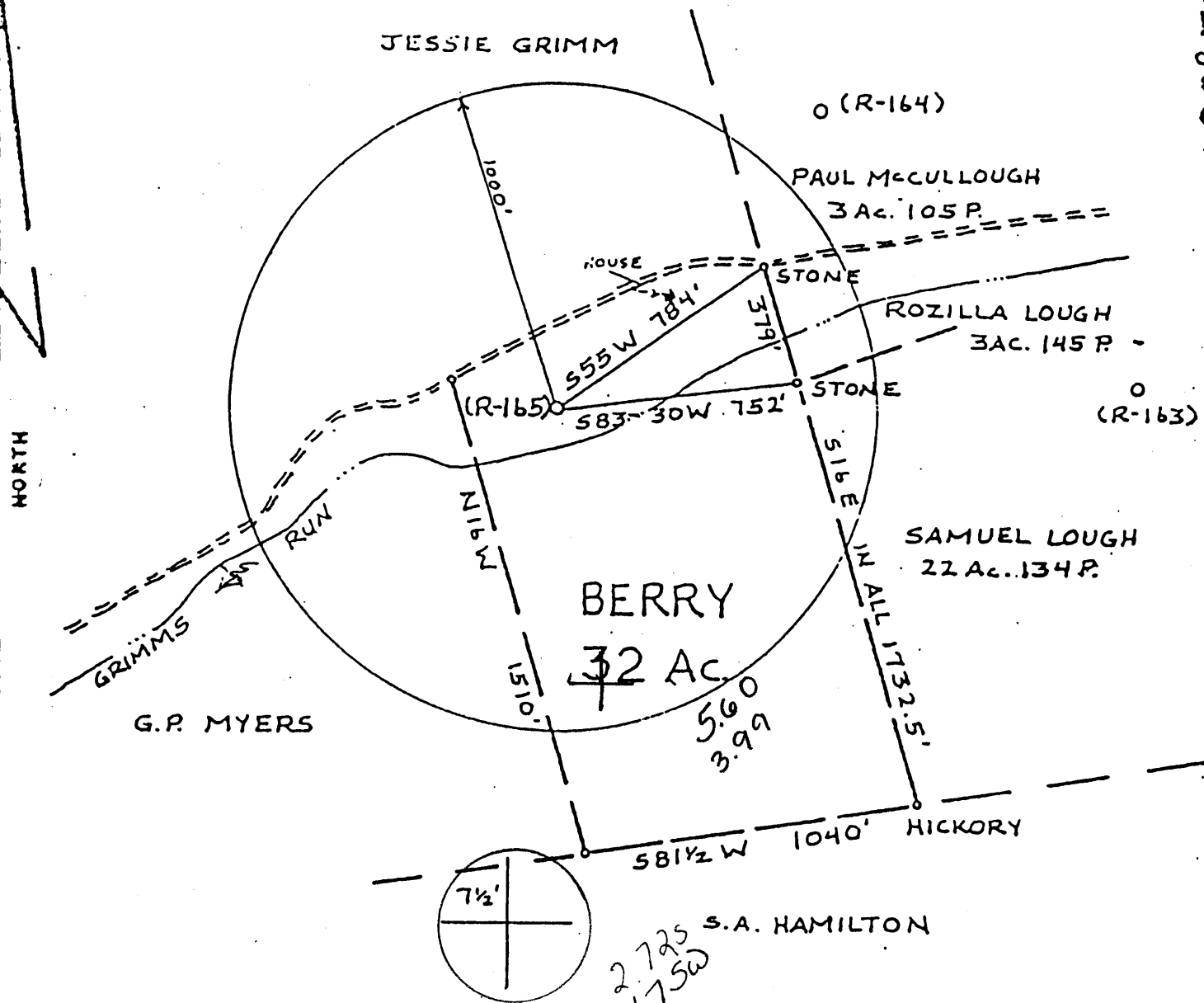


Janice 2/13/89

LATITUDE 39° 27½'  
14,040' SOUTH  
9,150' WEST

LONGITUDE 80° 52½'



FILE NO. \_\_\_\_\_  
 DRAWING NO. \_\_\_\_\_  
 SCALE 1" = 500'  
 MINIMUM DEGREE OF ACCURACY 1:200  
 PROVEN SOURCE OF ELEVATION ROAD INT. 769'

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) William L. Mason  
 R.P.E. \_\_\_\_\_ L.L.S. 551

PLACE SEAL HERE

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



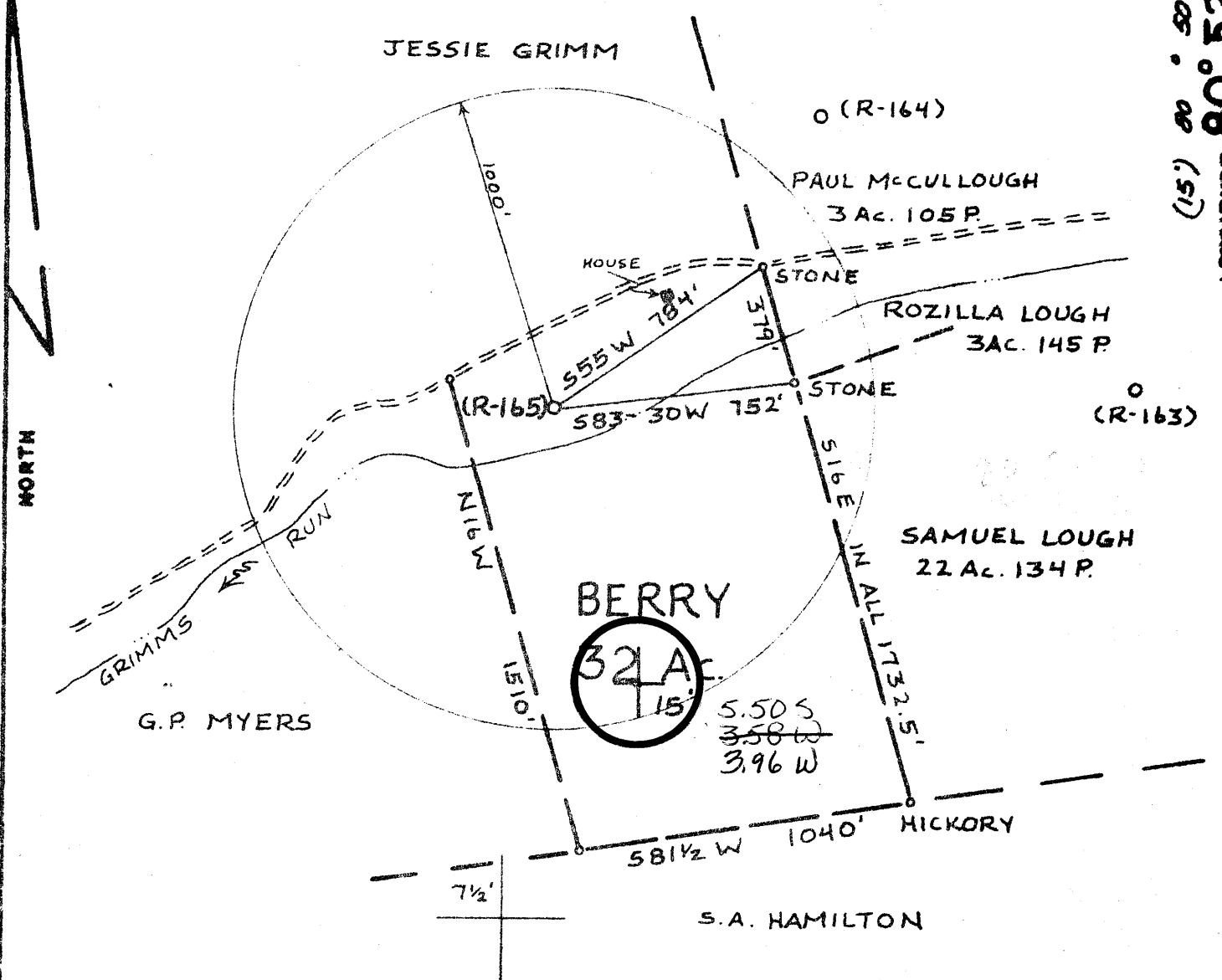
DATE 19 DECEMBER, 1979  
 OPERATOR'S WELL NO. R-165  
 API WELL NO. 47-095-0785  
 STATE COUNTY PERMIT

STATE OF WEST VIRGINIA  
 DEPARTMENT OF MINES  
 OIL AND GAS DIVISION

WELL TYPE: OIL  GAS \_\_\_\_\_  
 (IF "GAS", PRODUCTION  STORAGE \_\_\_\_\_ DEEP  SHALLOW \_\_\_\_\_  
 LOCATION: ELEVATION 856' WATER SHED GRIMMS RUN  
 DISTRICT CENTERVILLE COUNTY TYLER  
 QUADRANGLE MIDDLEBOURNE, W.VA. 7 1/2 QUAD. 470 133 2  
 SURFACE OWNER Mrs. OPA BERRY ACREAGE 32  
 OIL & GAS ROYALTY OWNER Mrs. OPA BERRY LEASE NO. \_\_\_\_\_ LEASE ACREAGE 32  
 PROPOSED WORK: DRILL \_\_\_\_\_ CONVERT \_\_\_\_\_ DRILL DEEPER  REDRILL \_\_\_\_\_ FRACTURE OR STIMULATE  PLUS OFF OLD FORMATION \_\_\_\_\_ PERFORATE NEW FORMATION  OTHER PHYSICAL CHANGE IN WELL (SPECIFY) \_\_\_\_\_  
 PLUS AND ABANDON \_\_\_\_\_ CLEAN OUT AND REPLUG \_\_\_\_\_  
 TARGET FORMATION BENSON/RILEY ESTIMATED DEPTH 5000' FEB 17 1989  
 WELL OPERATOR D.A.C. 0280 DESIGNATED AGENT KENNETH MASON  
 ADDRESS P.O. Box 99 Alma, WV 26320-0099 ADDRESS P.O. Box 99 ALMA, WV 26320

LATITUDE  $39^{\circ} 27\frac{1}{2}'$   
 (15')  $39^{\circ} 30'$   
 14,040' SOUTH  
 9,150' WEST

(15')  $80^{\circ} 52\frac{1}{2}'$   
 LONGITUDE



FILE NO. \_\_\_\_\_  
 DRAWING NO. \_\_\_\_\_  
 SCALE 1" = 500'  
 MINIMUM DEGREE OF ACCURACY 1:200  
 PROVEN SOURCE OF ELEVATION ROAD INT. 769'

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) William L. Massa  
 R.P.E. \_\_\_\_\_ L.L.S. 551

PLACE SEAL HERE

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



DATE 19 DECEMBER, 1979  
 OPERATOR'S WELL NO. R-165  
 API WELL NO. 47-095  
 STATE COUNTY 0785 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 856' WATER SHED GRIMMS RUN  
 DISTRICT CENTERVILLE COUNTY TYLER  
 QUADRANGLE MIDDLEBOURNE, W.VA. 7 1/2' QUAD. WEST UNION 15' NC  
 SURFACE OWNER BERRY ACREAGE 32  
 OIL & GAS ROYALTY OWNER BERRY LEASE ACREAGE 32  
 LEASE NO. \_\_\_\_\_  
 PROPOSED WORK: DRILL  CONVERT \_\_\_\_\_ DRILL DEEPER \_\_\_\_\_ REDRILL \_\_\_\_\_ FRACTURE OR STIMULATE \_\_\_\_\_ PLUS OFF OLD FORMATION \_\_\_\_\_ PERFORATE NEW FORMATION \_\_\_\_\_ OTHER PHYSICAL CHANGE IN WELL (SPECIFY) \_\_\_\_\_  
 PLUS AND ABANDON \_\_\_\_\_ CLEAN OUT AND REFLUG \_\_\_\_\_  
 TARGET FORMATION UPPER DEVONIAN ESTIMATED DEPTH 3300'  
 WELL OPERATOR C.W. RIGGS, INC. DESIGNATED AGENCY C.W. RIGGS  
 ADDRESS BOX 358, ST. MARYS, W.VA. 26170 ADDRESS BOX 358, ST. MARYS, W.VA. 26170

State of West Virginia  
DEPARTMENT OF ENERGY  
Division of Oil and Gas

Well Operator's Report of Well Work

Farm name: BERRY, OPAL MRS. Operator Well No.: 1-R-165

LOCATION: Elevation: 856.00 Quadrangle: MIDDLEBOURNE

District: CENTERVILLE County: TYLER  
Latitude: 14320 Feet South of 39 Deg. 27Min. 0 Sec.  
Longitude 9210 Feet West of 80 Deg. 52 Min. 0 Sec.

Company: DRILLING APPALACHIAN CORP  
P. O. BOX 99  
ALMA, WV 26320-0099

Agent: KENNETH R. MASON

Inspector: GLEN P. ROBINSON  
Permit Issued: 02/14/89  
Well work Commenced: 02/20/89  
Well work Completed: 02/23/89  
Verbal Plugging  
Permission granted on: \_\_\_\_\_  
Rotary Cable Rig  
Total Depth (feet) 4936  
Fresh water depths (ft) NA

Salt water depths (ft) NA

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

Casing & Tubing Size	Used in Drilling	Left in Well	Cement Fill Up Cu. Ft.
2 7/8	NA	4875	55 sk

RECEIVED  
MAR 24 1989

DIVISION OF OIL & GAS  
DEPARTMENT OF ENERGY

OPEN FLOW DATA

Producing formation BENSON Pay zone depth (ft) 4824  
Gas: Initial open flow SHOW MCF/d Oil: Initial open flow NONE Bbl/d  
Final open flow 334 MCF/d Final open flow NONE Bbl/d  
Time of open flow between initial and final tests 72 Hours  
Static rock Pressure 1375 psig (surface pressure) after 72 Hours

Second producing formation \_\_\_\_\_ Pay zone depth (ft) \_\_\_\_\_  
Gas: Initial open flow \_\_\_\_\_ MCF/d Oil: Initial open flow \_\_\_\_\_ Bbl/d  
Final open flow \_\_\_\_\_ MCF/d Final open flow \_\_\_\_\_ Bbl/d  
Time of open flow between initial and final tests \_\_\_\_\_ Hours  
Static rock Pressure \_\_\_\_\_ psig (surface pressure) after \_\_\_\_\_ 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.

For: DRILLING APPALACHIAN CORP.

By: Kenneth Mason  
Date: 3/14/89

MAR 31 1989

GEOLOGICAL WELL RECORD DATA

PERMIT NUMBER: 47-095-0785 DD

From 4 1/2 inch Casing - Bottom 3814

	TOP	BOTTOM
Middle Chemung Shale	3814	4426
Riley Sand	4426	4458
Lower Chemung Shale	4458	4814
Benson Sand	4814	4816 Show Gas
Lower Chemung Shale	4816	4924
TOTAL DEPTH	4924	

WELL TREATMENT SCHEDULE:

Benson Sand 4814 - 4816 Perforated with 32 holes

Formation Break Down 4000 PSI

Hydraulic Frac with Nitrogen Assist  
 Average Treating Rate 10 Barrels/Min  
 330 barrels of gel treated water  
 86 Sacks of 20/40 Sand

Average Treating Pressure 3500 - 4200 PSI

4924 new TD  
 3812 old TD  
1112 - new ftg.

**RECEIVED**  
 MAR 24 1989

DIVISION OF OIL & GAS  
 DEPARTMENT OF ENERGY

*8286*

MAR 31 1989

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

Date Nov 10, 1980

FORM IV-35  
(Obverse)

Operator's BERRY  
Well No. R-165

[08-78]

WELL OPERATOR'S REPORT  
OF

API Well No. 47-095-078  
State County Perm

DRILLING, FRACTURING AND/OR STIMULATING, OR PHYSICAL CHANGE

WELL TYPE: Oil X / Gas X / Liquid Injection \_\_\_ / Waste Disposal \_\_\_ /

(If "Gas", Production X / Underground storage \_\_\_ / Deep \_\_\_ / Shallow \_\_\_)

LOCATION: Elevation: 856 Watershed: GRIMMS RUN

District: CENTERVILLE County: TYLER Quadrangle: MIDDLEBOURNE, W.V.

WELL OPERATOR C.W. Riggs, Inc.

DESIGNATED AGENT SAME AS OPERATOR

Address Box 358

Address \_\_\_\_\_

ST. MARYS, W.VA.

**RECEIVED**

PERMITTED WORK: Drill X / Convert \_\_\_ / Drill deeper \_\_\_ / Redrill \_\_\_

Plug off old formation \_\_\_ / Perforate new formation \_\_\_ / NOV 13 1980

Other physical change in well (specify) \_\_\_\_\_

OIL & GAS DIVISION

DEPT. OF MINES

PERMIT ISSUED ON 1-18, 1980

OIL & GAS INSPECTOR FOR THIS WORK:

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

Name Phillip Tracy

Address MIDDLEBOURNE, W.VA.

GEOLOGICAL TARGET FORMATION: OHIO SHALE Depth 3813 feet

Depth of completed well, 3813 feet Rotary X / Cable Tools \_\_\_

Water strata depth: Fresh, 110 feet; salt, N/A feet.

Coal seam depths: N/A Is coal being mined in the area? No

Work was commenced 8/22, 1980, and completed 8/28, 1980

CASING AND TUBING PROGRAM

CASING OR TUBING TYPE	SPECIFICATIONS					FOOTAGE INTERVALS		CEMENT FILL-UP OR SACKS (Cubic feet)	PACKERS
	Size	Grade	Weight per ft	New	Used	For drilling	Left in well		
Conductor									Kinds
Fresh water	<u>8 5/8</u>		<u>20#</u>	<u>X</u>		<u>964'</u>	<u>964'</u>	<u>205sks</u>	
Coal									Sizes
Intermediate									
Production	<u>4 1/2</u>		<u>10.5#</u>	<u>X</u>		<u>3808'</u>	<u>3808'</u>	<u>335sks</u>	Depths set
Tubing									
Liners									Perforations:
									Top Bottom

OIL & GAS DIVISION  
DEPT. OF MINES

OPEN FLOW DATA

Producing formation OHIO SHALE Pay zone depth 3690-3774'

Gas: Initial open flow, \_\_\_ Mcf/d Oil: Initial open flow, \_\_\_ Bbl/d

Final open flow, 29,000 Mcf/d Final open flow, 0 Bbl/d

Time of open flow between initial and final tests, 2 hours

Static rock pressure, 600\* psig (surface measurement) after 24 hours shut in

[If applicable due to multiple completion--]

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

5 .50 Shots 3690' - 3698'  
 2 .50 Shots 3740' - 3744'  
 13 .50 Shots 3750' - 3774'

STIMULATION

616,000 SCF N<sub>2</sub>

WELL LOG

FORMATION	Color	Hard or Soft	Top Feet	Bottom Feet	Remarks
1st Cow Run			560	602*	
2nd Cow Run			996	1032	Including indication of all fresh and salt water, coal, oil and gas
1st SALT			1150	1200	*TOP INTERVAL Logged
2nd SALT			1304	1394	
3rd SALT			1388	1465	
Big Lime			1540	1598	
MAXON			1669	1676	
KEENER			1692	1705	
Big Injun			1736	1960	
Squaw			1970	1986	
WELCH STRAY			2170	2270	
BEREA			2339	2348	
50ft +			2558	2584	
30ft +			2640	2677	
GORDON			2760	2810	
OHIO SHALE (BROWN SHALE)			2820	3812	GAS IN SHALE

(Attach separate sheets to complete as necessary)

C. W. P. GAS, INC.

Well Operator

By

Its

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."

095-0785-DD-F  
 Issued 2/14/89 Expired 2/14/90  
 Page 2 of 5 a1

STATE OF WEST VIRGINIA  
 DEPARTMENT OF ENERGY, DIVISION OF OIL AND GAS  
 WELL WORK PERMIT APPLICATION

- 1) Well Operator: DRILLING APPALACHIAN CORPORATION 14425, 1, 470
- 2) Operator's Well Number: Berry #1 3) Elevation: 856'
- 4) Well type: (a) Oil  / or Gas  /  
 (b) If Gas: Production  / Underground Storage  /  
 Deep  / Shallow  /
- 5) Proposed Target Formation(s): Benson/Riley
- 6) Proposed Total Depth: 5100± feet
- 7) Approximate fresh water strata depths: 130
- 8) Approximate salt water depths: n/a
- 9) Approximate coal seam depths: n/a
- 10) Does land contain coal seams tributary to active mine? Yes  / No  /
- 11) Proposed Well Work: Drill deeper, perforate new formation, fracture new formation
- 12)

CASING AND TUBING PROGRAM

TYPE	SPECIFICATIONS			FOOTAGE INTERVALS		CEMENT
	Size	Grade	Weight per ft.	For drilling	Left in well	Fill-up (cu. ft.)
Conductor						
Fresh Water	8-5/8"		20#	964'	964'	205 sks
Coal						Existing
Intermediate						
Production	4-1/2"		10.5#		3808'	335 sks
Tubing	2-7/8"	upset tubing			5,000±'	98CSR18-11.1 200 sks
Liners						

PACKERS : Kind \_\_\_\_\_  
 Sizes \_\_\_\_\_  
 Depths set \_\_\_\_\_

**RECEIVED**  
 FEB 10 1989

For Division of Oil and Gas Use Only

3815  
 3  
 Fee(s) paid:  Well Work Permit  Reclamation Fund  WPCP  
 Plat  WW-9  WW-2B  Bond 50 Blanket  Agent  
 (Type)



STATE OF WEST VIRGINIA  
DEPARTMENT OF MINES

*McGraw-Hill*  
JAN 18 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 1-15-80

Surface Owner Opal Berry  
Address Middlebourne, W. Va.  
Mineral Owner Opal Berry  
Address Middlebourne, W. Va.  
Coal Owner Opal Berry  
Address Middlebourne, W. Va.  
Coal Operator None  
Address \_\_\_\_\_

Company C. W. Riggs, Inc.  
Address Box 358, St. Marys, W. Va.  
Farm Berry Acres 32  
Location (waters) Grimms Run  
Well No. R-165 Elevation 856'  
District Centerville County Tyler  
Quadrangle Middlebourne, W. Va.

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 10-25-80.

INSPECTOR  
TO BE NOTIFIED Phil Tracy  
ADDRESS Middlebourne, W. Va.  
PHONE 758-4573

*Robert L. 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 December 17 1979 by Opal Berry made to Loren Bagley and recorded on the 18th day of Dec. 1979, in Tyler County, Book 222 Page 551

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, *C. W. Riggs*  
(Sign Name) \_\_\_\_\_  
Well Operator  
Box 358  
Street  
St. Marys  
City or Town  
W. Va.  
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

47-095-0785

PERMIT NUMBER



**RECEIVED**  
FEB 10 1989

Date: Feb. 8, 1989  
Operator's well number  
Berry #1  
API Well No: 47 - 095 - 0785-DD  
State - County - Permit

DIVISION OF OIL & GAS  
DEPARTMENT OF ENERGY

STATE OF WEST VIRGINIA  
DEPARTMENT OF ENERGY, DIVISION OF OIL AND GAS

NOTICE AND APPLICATION FOR A WELL WORK PERMIT

- |   |   |
|---|---|
| <p>4) Surface Owner(s) to be served:<br/>         (a) Name <u>Mrs. Opal Berry</u><br/>         Address <u>Alma, WV 26320</u><br/>         _____<br/>         (b) Name <u>---</u><br/>         Address _____<br/>         _____<br/>         (c) Name <u>---</u><br/>         Address _____<br/>         _____</p> | <p>5) (a) Coal Operator:<br/>         Name <u>---</u><br/>         Address _____<br/>         _____<br/>         (b) Coal Owner(s) with Declaration<br/>         Name <u>---</u><br/>         Address _____<br/>         _____<br/>         Name _____<br/>         Address _____<br/>         _____<br/>         (c) Coal Lessee with Declaration<br/>         Name <u>---</u><br/>         Address _____<br/>         _____</p> |
| <p>6) Inspector <u>Glen Robinson</u><br/>         Address <u>Rt 1, #6 Mt. Pleasant Estates</u><br/> <u>Mineral Wells WV 26150</u><br/>         Telephone (304)-_____</p>  |   |

TO THE PERSON(S) NAMED ABOVE TAKE NOTICE THAT:

Included is the lease or leases or other continuing contract or contracts by which I hold the right to extract oil and gas OR

Included is the information required by Chapter 22B, Article 1, Section 8(d) of the Code of West Virginia (see page 2)

I certify that as required under Chapter 22B of the West Virginia Code I have served copies of this notice and application, a location plat, and accompanying documents pages 1 through 5 on the above named parties, by:

\_\_\_\_\_ Personal Service (Affidavit attached)  
 \_\_\_\_\_ Certified Mail (Postmarked postal receipt attached)  
 \_\_\_\_\_ Publication (Notice of Publication attached)

I have read and understand Chapter 22B and 38 CSR 11-18, and I agree to the terms and conditions of any permit issued under this application.

I certify under penalty of law that I have personally examined and am familiar with the information submitted on this application form and all attachments, and that based on my inquiry of those individuals immediately responsible for obtaining the information, I believe that the information is true, accurate, and complete.

I am aware that there are significant penalties for submitting false information, including the possibility of fine and imprisonment.

Well Operator DRILLING APPALACHIAN CORPORATION  
 By: Kenneth R. Mason  
 Its: President  
 Address PO Box 99, Alma, WV 26320  
 \_\_\_\_\_  
 Telephone (304) 758-4638

Subscribed and sworn before me this 8th day of February, 1989

Jan 28, 1997  
My commission expires Jan. 28, 1997 JR Mason Notary Public

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

PROPOSED WORK ORDER TO  DRILL \_\_\_\_\_ DEEPEN \_\_\_\_\_ FRACTURE STIMULATE \_\_\_\_\_  
 DRILLING CONTRACTOR: (If Known) RESPONSIBLE AGENT  
 NAME Haught Drilling NAME C. W. Riggs, Inc.  
 ADDRESS Smithville, W. Va. ADDRESS St. Marys, W. Va.  
 TELEPHONE 477-3333 TELEPHONE 684-3974  
 ESTIMATED DEPTH OF COMPLETED WELL: 3400' ROTARY  CABLE TOOLS \_\_\_\_\_  
 PROPOSED GEOLOGICAL FORMATION: 5th Sand  
 TYPE OF WELL: OIL \_\_\_\_\_ GAS \_\_\_\_\_ COMB  STORAGE \_\_\_\_\_ DISPOSAL \_\_\_\_\_  
 RECYCLING \_\_\_\_\_ WATER FLOOD \_\_\_\_\_ OTHER \_\_\_\_\_

TENTATIVE CASING PROGRAM:

CASING AND TUBING SIZE	USED FOR DRILLING	DEPTH IN WELL	CEMENT TIE UP OR SACKS (CUBIC FT)
20 - 16			
13 - 10			
9 - 5/8 250'		250'	cement top-bottom
8 - 5/8			
7			
5 1/4			
4 1/2 3400'		3400'	200 sks.
3			Part Top
2			Part Bottom
LISTS			Part Top
			Part Bottom

APPROXIMATE FRESH WATER DEPTHS 100' FEET \_\_\_\_\_ SALT WATER \_\_\_\_\_ FEET \_\_\_\_\_  
 APPROXIMATE COAL DEPTHS \_\_\_\_\_  
 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