

3310'

Latitude 30° 47' 30"

Longitude 81° 47' 30"

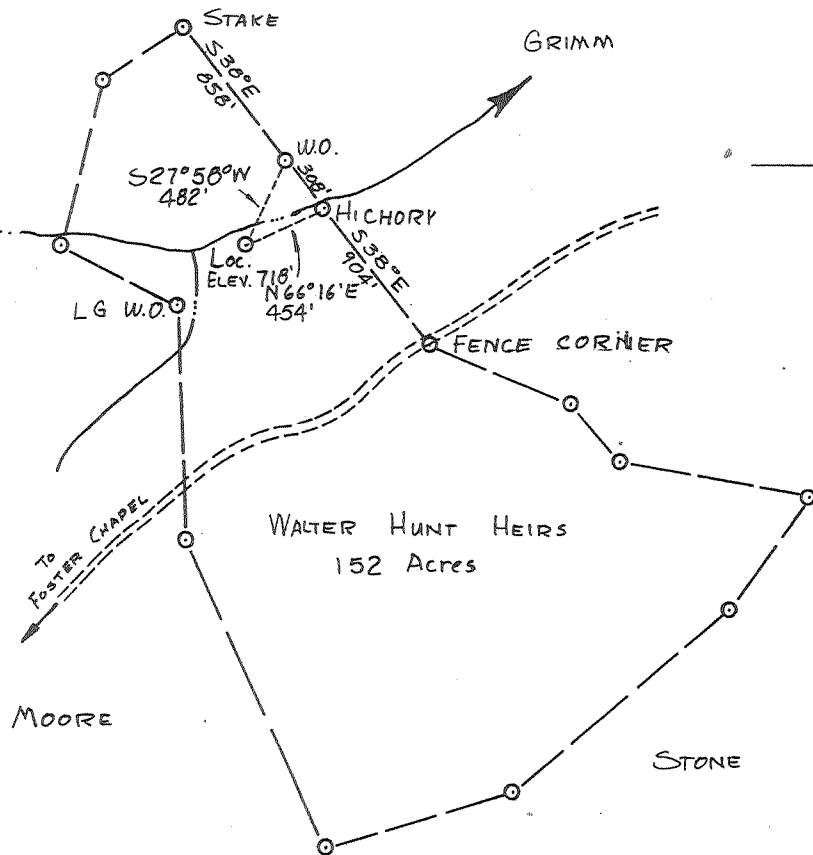
6360'

*Jamie*  
*5/23/78*

CLICK

GRIMM

7.5'



New Location   
 Drill Deeper   
 Abandonment

Minimum Error of Closure ..... 1 in 200'  
 Source of Elevation EL. 1117' TOP OF KNOB WEST OF LOC.

"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."

Company DURST OIL & GAS  
 Address Rt. 2 Box 538, Pt. Pleasant, W. Va. 25350  
 Farm WALTER HUNT, CLAIR F. HUNT ETAL  
 Tract \_\_\_\_\_ Acres 152 Lease No. 3282  
 Well (Farm) No. 1 Serial No. 906  
 Elevation (Spirit Level) 718'  
 Quadrangle COTTAGEVILLE 75'  
 County JACKSON District RIPLEY  
 Surveyor Jamie D. Supton  
 Surveyor Registration No. 149  
 File No. \_\_\_\_\_ Drawing No. \_\_\_\_\_  
 Date 5/24/78 Scale 1" = 1000'

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

**WELL LOCATION MAP**  
 API. WELL NO. 47-035-1454P

+ 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.

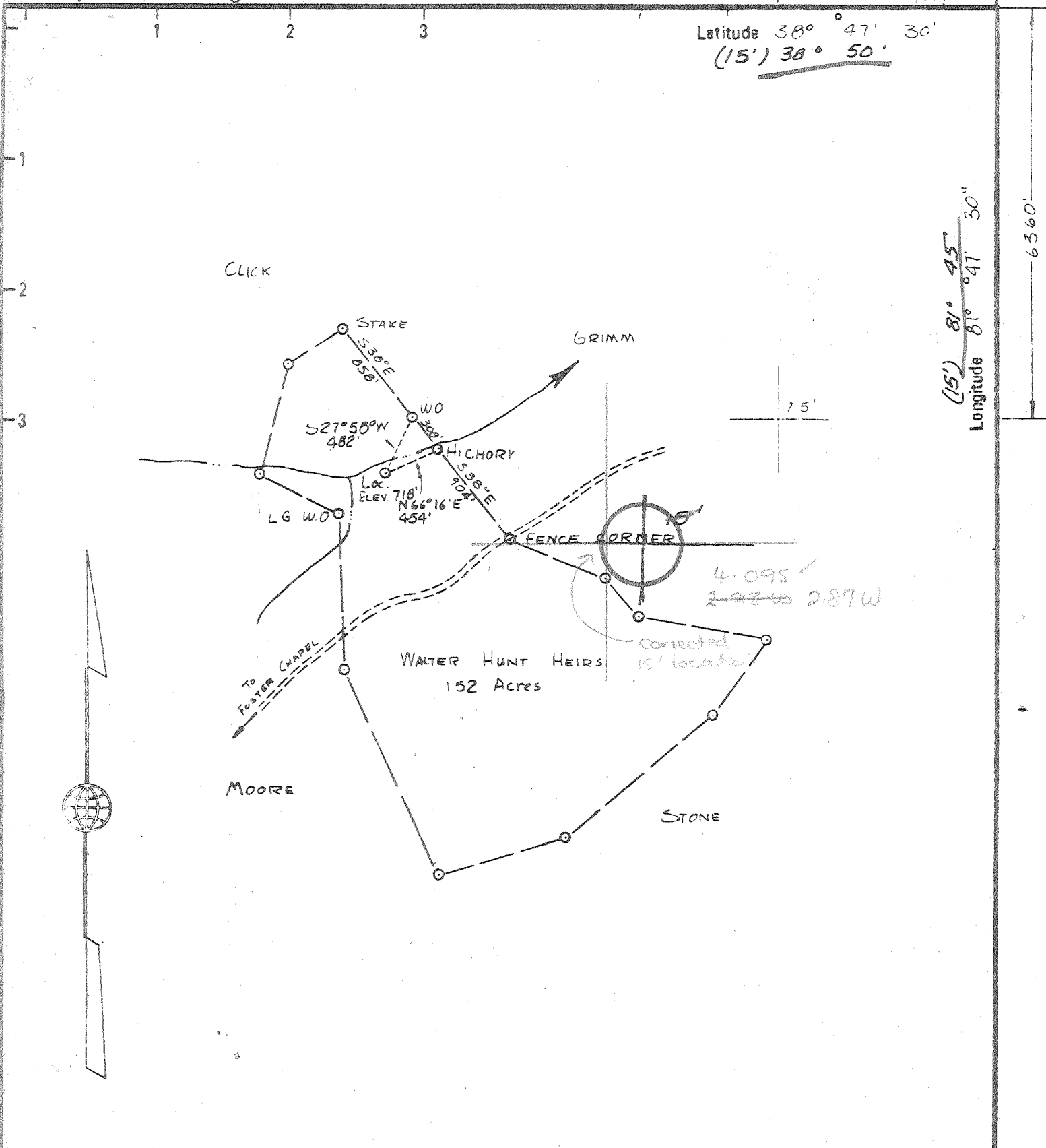
JAN 28 1991

**47-035**

Latitude  $38^{\circ} 47' 30''$   
 (15')  $38^{\circ} 50'$

Longitude  $81^{\circ} 45' 30''$

6360'



New Location   
 Drill Deeper   
 Abandonment

Minimum Error of Closure  $1$  in  $200'$   
 Source of Elevation EL. 1117' TOP OF KNOB WEST OF LOC.

"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."

Company DEVON CORP  
 Address PO. BOX 1433 CHARLESTON W.V.  
 Farm WALTER HUNT, CLAIR F. HUNT ETAL  
 Tract \_\_\_\_\_ Acres 152 Lease No. 3282  
 Well (Farm) No. 1 Serial No. 906  
 Elevation (Spirit Level) 718'  
 Quadrangle COTTAGEVILLE 75', RAVENSWOOD 15'  
 County JACKSON District RIPLEY  
 Surveyor [Signature]  
 Surveyors Registration No. 149  
 File No. \_\_\_\_\_ Drawing No. \_\_\_\_\_  
 Date 5/24/78 Scale 1" = 1000'

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

WELL LOCATION MAP  
 FILE NO. JAC-1454

+ 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.

Deep Well 47-035 JUL 10 1978

5000 Distances 6-6 South Ripley (348)



STATE OF WEST VIRGINIA  
DEPARTMENT OF MINES

Oil and Gas Division

WELL RECORD 20

RECEIVED *allman*

SEP - 4 1979  
47-035-1454  
OIL & GAS DIVISION  
DEPT. OF MINES

Quadrangle Cottageville

Permit No. JAC-1454

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

Company DEVON CORPORATION  
Address Box 1433, Charleston, WV  
Farm Walter Hunt Hrs. Acres 152 ac  
Location (waters) Johns Run  
Well No. 906 Elev. 718  
District Ripley County Jackson  
The surface of tract is owned in fee by Clair F. Hunt, Box 285  
Address Ripley, WV  
Mineral rights are owned by Clair F. Hunt  
Address Box 285, Ripley WV  
Drilling Commenced November 13, 1978  
Drilling Completed November 21, 1978  
Initial open flow 20 MCFD xxx xxx bbls.  
Final production 183 MCFD xxx xxx xxx bbls.  
Well open 3 hrs. before test 1600 RP.

Casing and Tubing	Used in Drilling	Left in Well	Cement fill up Cu. ft. (Sks.)
Size 20-16			
Cond. 13-10"			
9 5/8	215	215	100 sax=to surf.
8 5/8			
7	2557	2557	75 sax=625'
5 1/2			
4 1/2		4858	200 sax=2400'
3			
2			
Liners Used			

Well treatment details:

Perforated 4 1/2" casing 4749-4751 with 16 shots.

Attach copy of cementing record.

Fractured Oriskany Sand with 850 BBLs water & 40,000# sand.

183 MCF

Coal was encountered at None reported Feet \_\_\_\_\_ Inches \_\_\_\_\_  
Fresh water \_\_\_\_\_ Feet \_\_\_\_\_ Salt Water \_\_\_\_\_ Feet \_\_\_\_\_  
Producing Sand Oriskany Sand Depth 4749-4751

Formation	Color	Hard or Soft	Top Feet	Bottom Feet	Oil, Gas or Water	* Remarks
Surface			0	7		
Shale			7	57		
Sand			57	115		
Shale			115	395		
Sand			395	433		
Shale			433	540		
Sand			540	565		
Shale			565	633		
Sand			633	660		
Shale			660	728		
Broken Sand			728	865		
Shale			865	910		
Sand			910	918		
Shale			918	1080		
Sand			1080	1118		
Shale			1118	1135		
Sand			1135	1172		
Shale			1172	1230		
Sand			1230	1323		
Shale			1323	1355		
Sand			1355	1370		
Shale			1370	1390		
Sand			1390	1425		
Shale			1425	1473		

(over)

\* Indicates Electric Log tops in the remarks section.

47-035-1454

Formation	Color	Hard or Soft	Top Feet	Bottom Feet	Oil, Gas or Water	Remarks
Sand			1473	1488		
Shale			1488	1763		
Big Lime			1763	1885		
Shale			1885	1940		
Injun Sand			1940	2062		
Shale			2062	2372		
Coffee Shale			2372	2394		
Berea Sand			2394	2406		
Shale			2406	3586		
Brown Shale			3586	4058		
Shale			4058	4469		
Marcellus Shale			4469	4630		
Onondaga L. S.			4630	4705		
Oriskany Sand			4705	4756		
Helderberg L. S.			4756	4968		
Log Total Depth				4968'		

Date: January 9, 1979

DEVON CORPORATION

APPROVED

*A. C. Gause*

A. C. Gause

Owner

By

Dist. Geologist

(Title)

R-38  
5-Jan-91  
RECEIVED  
JUL 26 1991  
DEPT. OF ENERGY

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

AFFIDAVIT OF PLUGGING AND FILLING WELL

AFFIDAVIT SHOULD BE IN TRIPLICATE, one copy mailed to the Division, one copy to be retained by the Well Operator and the third copy (and extra copies if required) should be mailed to each coal operator at their respective addresses.

Farm name: HUNT, CLAIR F. Operator Well No.: 906

LOCATION: Elevation: 718.00 Quadrangle: COTTAGEVILLE  
District: RIPLEY County: JACKSON  
Latitude: 6360 Feet South of 38 Deg. 47 Min. 30 Sec.  
Longitude 3310 Feet West of 81 Deg. 47 Min. 30 Sec.

Well Type: OIL \_\_\_\_\_ GAS X

Company: Durst Oil and Gas, Inc Coal Operator \_\_\_\_\_  
Rt 2 Box 538 or Owner \_\_\_\_\_  
Pt. Pl. WV 25550

Agent: Ronald W. Durst JR Coal Operator \_\_\_\_\_  
Inspector: Glen Robinson or Owner \_\_\_\_\_  
Permit Issued: 01/25/91

AFFIDAVIT

STATE OF WEST VIRGINIA,  
County of Jackson ss:

Ronald W. Durst JR and Joan M. Durst being first duly sworn according to law depose and say that they are experienced in the work of plugging and filling oil and gas wells and were employed by Durst Oil and Gas, Inc, well operator, and participated in the work of plugging and filling the above well, that said work was commenced on the 10th day of June, 1991, and that the well was plugged and filled in the following manner:

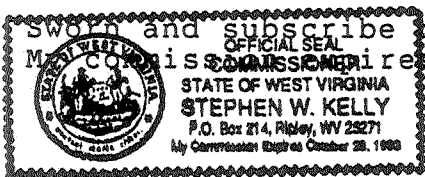
TYPE	FROM	TO	PIPE REMOVED	LEFT
Class A cmt	4750	4500	Perfs	
Class A cmt	2540	2440	2540 4 1/2	2318' 9 1/2
Class A cmt	1020	820	Cover 4 1/2" csg cut 5' 7" csg seat 1020' 7"	1537'
Class A cmt	250	150	Cover 7" csg cut 5'	Pittsburg Sand
Class A cmt	50	0	0	215' 9 5/8

Description of monument: \_\_\_\_\_

and that the work of plugging and filling said well was completed on the 13th day of June, 1991.

And further deponents saith not.

Joan M. Durst  
Ronald W. Durst Jr  
Stephen W Kelly  
Notary Public



Sworn and subscribe before me this 24 day of July, 1991  
My Commission Expires October 28 1993



STATE OF WEST VIRGINIA  
DEPARTMENT OF MINES

RECEIVED

JUN 22 1978

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 May 8, 1978

Surface Owner Clair F. Hunt, et al  
Address PO Box 285, Ripley, W. Va.  
Mineral Owner Clair F. Hunt, Agent  
Address PO Box 285, Ripley, W. Va.  
Coal Owner Same as above  
Address \_\_\_\_\_  
Coal Operator Not operated  
Address \_\_\_\_\_

Company DEVON CORPORATION  
Address Box 1433, Charleston, W. Va.  
Farm Walter Hunt Hrs. Acres 152 ac  
Location (waters) Johns Run  
Well No. 906 Elevation 718  
District Ripley County Jackson  
Quadrangle Cottageville

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 10-23-78.

INSPECTOR  
TO BE NOTIFIED Richard J. Morris  
ADDRESS Grantville, W.Va.  
PHONE 354-7259

Robert L. [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 July 30 19 69 by Eula B. Hunt made to Commonwealth Gas and recorded on the \_\_\_\_\_ day of \_\_\_\_\_ 19\_\_\_\_, in Jackson County, Book 109 Page 630  
XXX 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:

Very truly yours, DEVON CORPORATION  
(Sign Name) A. C. House  
A. C. House, <sup>Well Operator</sup> Dist. Geologist  
P. O. Box 1433  
\_\_\_\_\_  
Street  
Charleston  
City or Town  
West Virginia 25325  
State

W. VA. OIL & GAS CONSERVATION COMMISSION  
1613 WASHINGTON STREET, EAST  
CHARLESTON, WEST VIRGINIA 25311

Address  
of  
Well Operator

\*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 BOARD

JAC-1454

PERMIT NUMBER

47-035

*Handwritten signature/initials*

**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 F. W. A. Drilling Co. NAME Bill Endicott  
 ADDRESS Box 448, Elkview, W. Va. ADDRESS Box 1433, Charleston, W. Va.  
 TELEPHONE 965-3379 TELEPHONE 342-3171  
 ESTIMATED DEPTH OF COMPLETED WELL: 5000 ROTARY XXX CABLE TOOLS \_\_\_\_\_  
 PROPOSED GEOLOGICAL FORMATION: Oriskany  
 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			
13 - 10			
9 - 5/8	200	200	100 sax=to surface
8 - 5/8			
7	2575	2575	75 sax=625'
5 1/2			
4 1/2		5000	150 sax=1800'
3			Perf. Top
2			Perf. Bottom
Liners			Perf. Top
			Perf. Bottom

APPROXIMATE FRESH WATER DEPTHS \_\_\_\_\_ FEET SALT WATER \_\_\_\_\_ FEET  
 APPROXIMATE COAL DEPTHS None anticipated  
 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