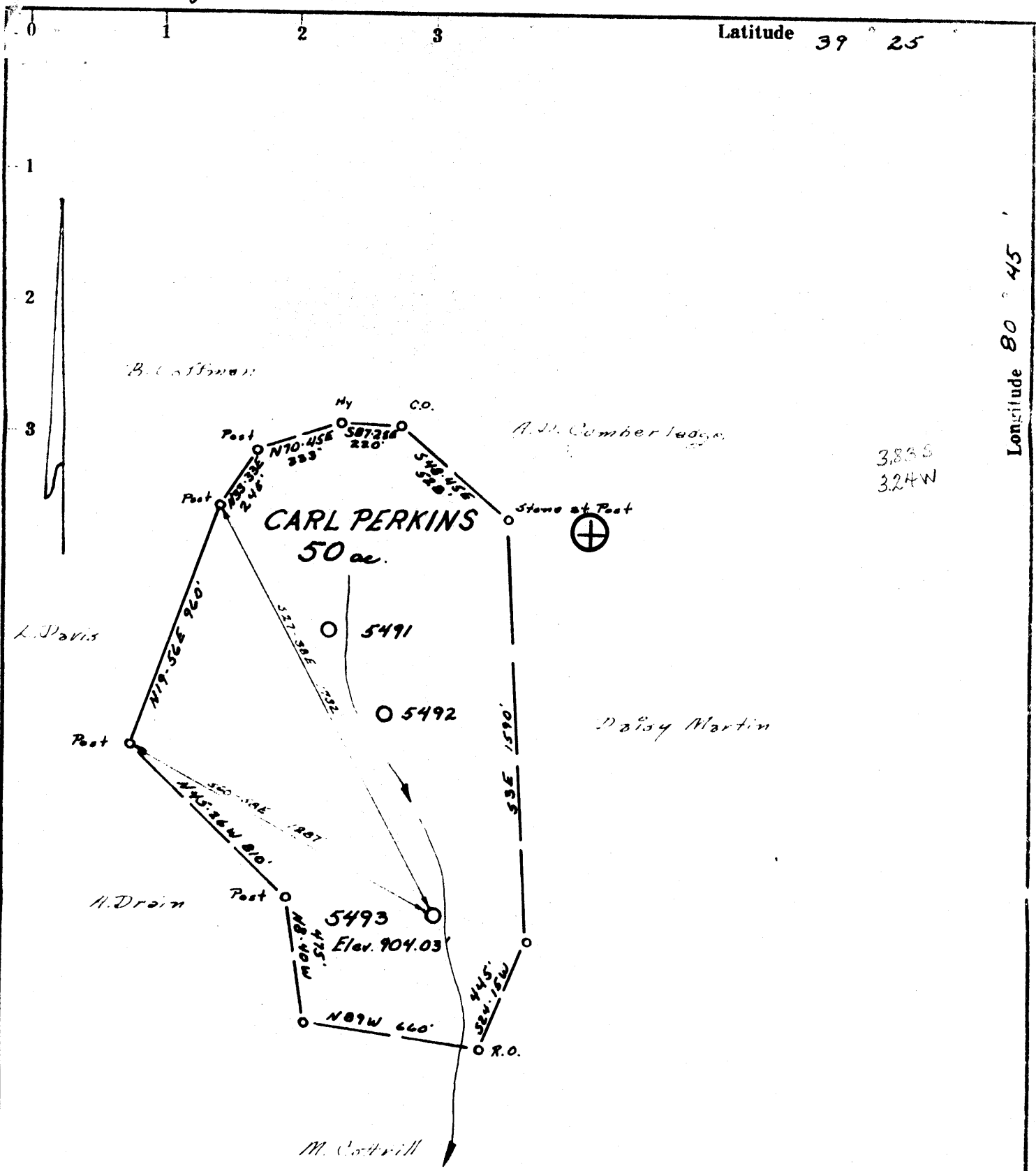


Latitude 39 25

Longitude 80 45



3,855
3.24W

- Fracture
- Recondition
- New Location
- Drill Deeper
- Abandonment

Source of Elevation *B.M. 834 Bridge at Camp Mistake*

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.

Minimum accuracy, one part in 200

Company	<i>EQUITABLE GAS CO. N.I.A. DIV.</i>
Address	<i>PITTSBURGH, PA. 15219</i>
Farm	<i>CARL PERKINS</i>
Tract	Acres <i>50</i> Lease No. <i>26210</i>
Well (Farm) No.	<i>3</i> Serial No. <i>5493</i>
Elevation (Spirit Level)	<i>904.03'</i>
Quadrangle	<i>WEST UNION 28 EC</i>
County	<i>TYLER</i> District <i>McELROY</i>
Engineer	<i>[Signature]</i>
Engineer's Registration No.	<i>105 L.L.S.</i>
File No.	<i>222/148</i> Drawing No. _____
Date	<i>8-27-73</i> Scale <i>1" = 500'</i>

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

WELL LOCATION MAP
FILE NO. *Tyl-366-Red*^W

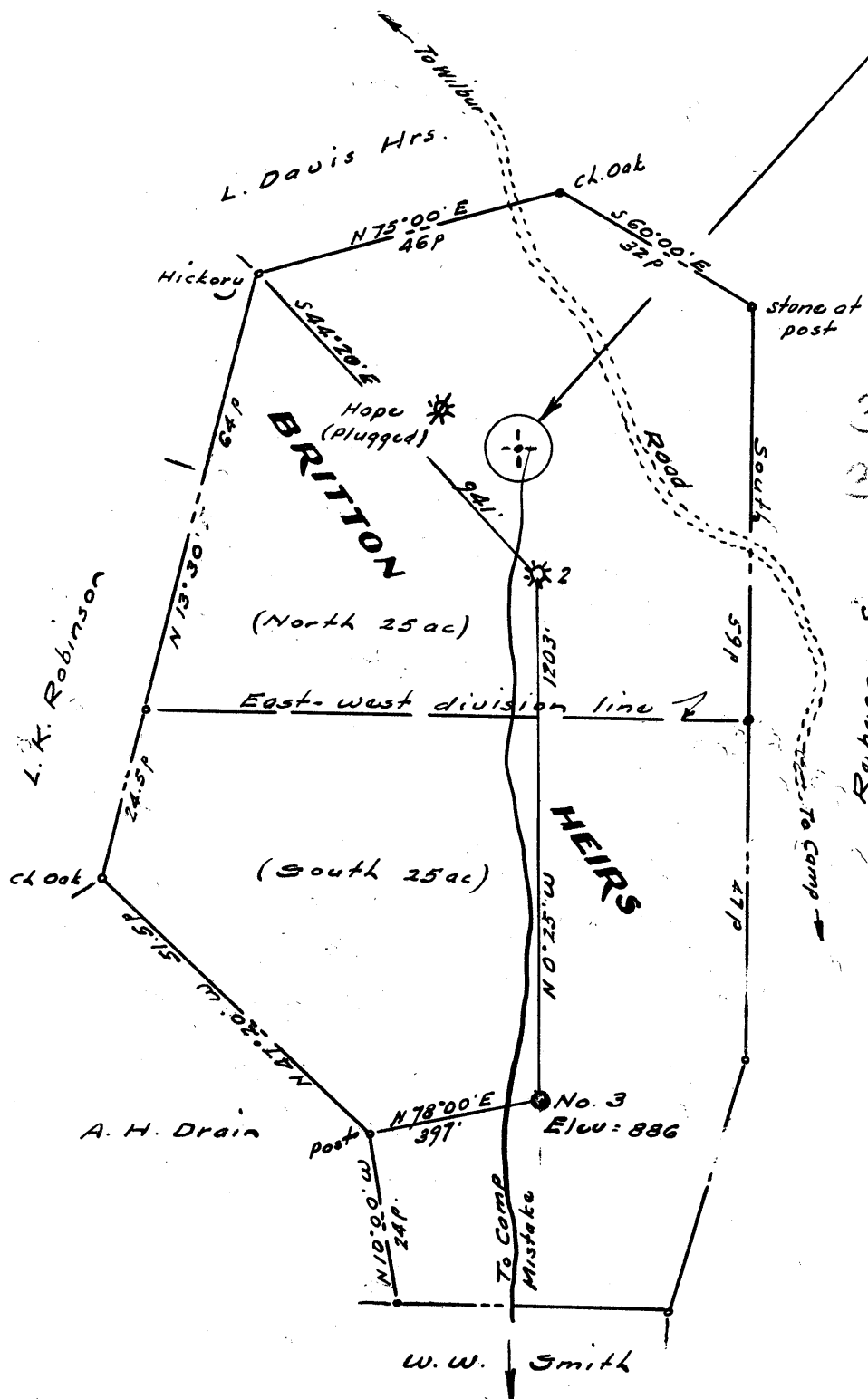
+ Denotes location of well on United States Topographic Maps, scale 1 to 62,500, latitude and longitude lines being represented by border lines as shown.

--- Denotes one inch spaces on border line of original tracing.

47-095

Latitude 39° 25'

Longitude 80° 45'



3.80 S
3.27 W

- New Location ..
- Drill Deeper
- Abandonment.....

Company LENNOX OIL & GAS CO.
 Address Box 294, Weston, West Va.
 Farm Britton Heirs
 Tract _____ Acres 25 Lease No. _____
 Well (Farm) No. Three Serial No. _____
 Elevation (Spirit Level) 886
 Quadrangle West Union EC
 County Tyler District McElroy
 Engineer W. W. Smith
 Engineer's Registration No. 1227
 File No. _____ Drawing No. _____
 Date Nov. 16, 1962 Scale 1" = 400'

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

WELL LOCATION MAP
 FILE NO. Tyl-366

+ 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.



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STATE OF WEST VIRGINIA
DEPARTMENT OF MINES

OIL & GAS DIVISION
DEPT. OF MINES

Oil and Gas Division
WELL RECORD

Quadrangle West Union SE 2.2
Permit No. TYL-366 Red

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

Company Equitable Gas
Address Pittsburgh, Pa. 15219
Farm Carl Perkins Acres 50
Location (waters) Camp Mistake Run
Well No. 5493 Elev. 904
District McElroy County Tyler
The surface of tract is owned in fee by _____
Carl Perkins
Address Rt. 3, Pennsboro, W.Va. 26415
Mineral rights are owned by Same as surface
Address _____
Drilling Commenced 9-19-74
Drilling Completed 3-19-75
Initial open flow _____ cu. ft. _____ bbls.
Final production _____ cu. ft. per day _____ bbls.
Well open _____ hrs. before test _____ RP.

Casing and Tubing	Used in Drilling	Left in Well	Cement fill up Cu. ft. (Sks.)
Size 20-16			
Cond. 13-XX'	16	16	
9 5/8			
8 5/8	1078	1078	520 sks. to surf.
7			
5 1/2	1809	1809	H.W. Packer, gel to surface
4 1/2			
3			
2			
Liners Used			

Well treatment details:

Attach copy of cementing record.

Coal was encountered at _____ Feet _____ Inches
Fresh water _____ Feet Salt Water _____ Feet
Producing Sand _____ Depth _____

Formation	Color	Hard or Soft	Top Feet	Bottom Feet	Oil, Gas or Water	* Remarks
Gas Sand			1049	1059		
Salt Sand			1265	1563		
Maxton Sand			1595	1645		
Little Lime			1718	1739		
Big Lime			1751	1815		
<u>Big Injun</u>			1818	1935		
<u>Redrilled to</u>				1941		
<u>Cement Plug Back to</u>				1839		
<u>Completed Total Depth</u>				1839		
Note: Gamma Log and casing measurements from elevation			914	KB		

(over)

* Indicates Electric Log tops in the remarks section.



STATE OF WEST VIRGINIA
DEPARTMENT OF MINES
OIL AND GAS DIVISION /7

Quadrangle West Union

Permit No. TyL-366

WELL RECORD

Oil or Gas Well Gas
(KIND)

Company Lennox Oil and Gas. Co.
Address Box 294, Weston, W. Va.
Farm W. A. Britton Acres 25
Location (waters) Camp Mistake
Well No. 3 Elev. 886
District McElroy County Tyler
The surface of tract is owned in fee by W. A. Britton
Address Wilbur, W.Va.
Mineral rights are owned by same
Address _____
Drilling commenced December 4, 1962
Drilling completed January 4, 1963
Date Shot _____ From _____ To _____
With _____
Open Flow 10ths Water in _____ Inch
9 /10ths Merc. in 2" Inch
Volume 467 M Cu. Ft.
Rock Pressure 280 lbs. _____ hrs.
Oil none bbls., 1st 24 hrs.
WELL ACIDIZED no
WELL FRACTURED yes

Casing and Tubing	Used in Drilling	Left in Well	Packers
Size			Kind of Packer
16			
13 1/4	16	16	Size of
10	280	0	
8 1/2	1083	0	Depth set
6 1/2			
5 3/16			
3 1/2	1942	1942	Perf. top 1848
2			Perf. bottom 1864
Liners Used			Perf. top
			Perf. bottom

CASING CEMENTED 4 1/2 SIZE 1942 No. Ft. 1/10/63 Date
with aquagel to surface
30 cement-10 aquagel-Halliburton
COAL WAS ENCOUNTERED AT 25 FEET INCHES
____ FEET INCHES FEET INCHES
____ FEET INCHES FEET INCHES

RESULT AFTER TREATMENT 1476 MCF
ROCK PRESSURE AFTER TREATMENT 270 - 24 hrs.
Fresh Water _____ Feet Salt Water _____ Feet

Formation	Color	Hard or Soft	Top	Bottom	Oil, Gas or Water	Depth	Remarks
Soil			0	10			
Slate			10	25			
Coal			25	27			
Slate			27	60			
Red Rock			60	85			
Sand			85	105			
Slate			105	145			
Red Rock			145	175			
Slate			175	200			
Red Rock			200	230			
Black slate			230	325			
B. lime			325	370			
Red rock			370	405			
Sand			405	425			
Slate			425	525			
Lime (hard)			525	565			
Slate & shells			565	645			
Red rock			645	785			
Slate			785	885			
Red rock			835	880			
Slate			880	900			
Sand			900	905			
B. slate			905	918			
P. rock			918	940			
Slate			940	975			
b. slate			975	1025			
Sand			1025	1045			



Formation	Color	Hard or Soft	Top ¹⁷	Bottom	Oil, Gas or Water	Depth Found	Remarks
Lime Sand			1045	1060			
Slate and shells			1060	1253			
Sand			1253	1275	show of oil		
B. slate			1275	1320			
Sand			1320	1385			
Slate			1385	1390			
Sand			1390	1440			
Slate			1440	1470			
Broken sand			1470	1495			
Sand (hard)			1495	1512			
Slate and shells			1512	1610			
Sand			1610	1635			
Slate			1635	1655			
Sand			1655	1693			
Slate			1693	1735			
Lime			1735	1805			
Black lime			1805	1825			
Sand			1825	1898	show of oil and gas 1835 to 1845		
Slate			1898	1942			Total depth

Date _____, 19____

APPROVED *Union Oil & Gas Co.*, Owner

By *E. V. Hoyle* (Title)



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STATE OF WEST VIRGINIA
DEPARTMENT OF MINES

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 July 8, 1974

Surface Owner PERKINS, Carl

Company Equitable Gas
Address 420 Blvd. of Allies, Pgh., Pa. 15219

Address Rte. 3, Pennsboro, W. Va. 26415

Mineral Owner Same as surface

Farm Carl Perkins Acres 50

Address _____

Location (waters) Camp Mistake Run

Coal Owner Same as surface

Well No. 5493 Elevation 904.03

Address _____

District McElroy County Tyler

Coal Operator _____

Quadrangle West Union S.E. 2²

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 Redrilling. This permit shall expire if operations have not commenced by 11-10-74

INSPECTOR TO BE NOTIFIED Paul Goodright
Smithville PH: 477-2455
WVA

Robert L. Ford
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 August 2, 1973 by Carl Perkins made to Equitable Gas Company and recorded on the 23rd day of August 19 73 in Tyler County, Book 198 Page 396

NEW WELL _____ DRILL DEEPER XX 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 SEND COPIES OF ALL
CORRECTIONS DIRECTLY TO:

West Virginia Geological and Economic Survey
P. O. Box 878
Morgantown, W. Va. 26505
AC 804-296-4461

Address
of
Well Operator

Very truly yours, S. M. Lingo
(Sign Name) EQUITABLE GAS COMPANY
Well Operator
420 Boulevard of the Allies
Street
Pittsburgh
City or Town
Pennsylvania 15219
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.

MARKET BOARD

TYL-366-Red PERMIT NUMBER
47-095 J. Lingo

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

PROPOSED WORK ORDER TO RE DRILL _____ DEEPEN _____ FRACTURE-STIMULATE _____
 DRILLING CONTRACTOR: (If Known) _____ RESPONSIBLE AGENT: _____
 NAME _____ NAME H.E. Gardner, Div. Supt.
 ADDRESS _____ ADDRESS Box 1550, Clarksburg, W. Va.
 TELEPHONE _____ TELEPHONE (304) 624-6576
 ESTIMATED DEPTH OF COMPLETED WELL: 1850 ROTARY XX CABLE TOOLS _____
 PROPOSED GEOLOGICAL FORMATION: Big Injun
 TYPE OF WELL: OIL _____ GAS _____ COMB. _____ STORAGE XX 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			
8 - 5/8	1083	1083	Cem. to surface
7			
5 1/2	1825	1825	Cem. to 700
4 1/2			
3			Perf. Top
2			Perf. Bottom
Liners			Perf. Top
			Perf. Bottom

APPROXIMATE FRESH WATER DEPTHS None FEET _____ SALT WATER _____ FEET _____
 APPROXIMATE COAL DEPTHS No mineable coal _____
 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