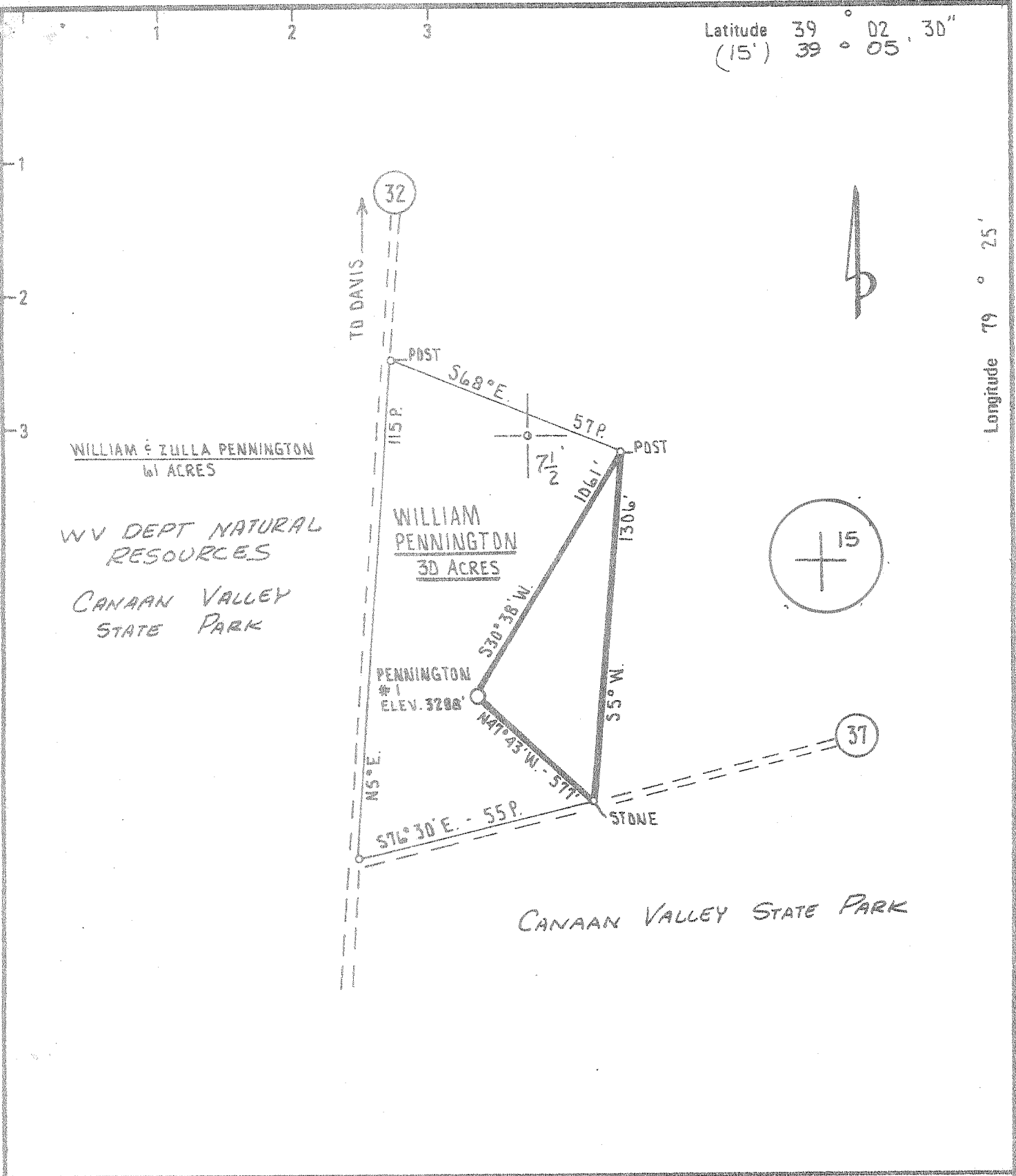


Latitude 39° 02' 30"
(15') 39° 05'

Longitude 79° 25'



New Location Drill Deeper Abandonment

Minimum Error of Closure... ONE PART IN 200
 Source of Elevation... JCT. S.L.S. 32 AND S.L.S. 37
 U.E. 3295'

"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 BEREA OIL & GAS CORPORATION
 Address 901 CHEMICAL BANK BUILDING
69 DELAWARE AVE. - BUFFALO, NEW YORK 14202

Farm WILLIAM PENNINGTON

Tract _____ Acres 30 Lease No. _____

Well (Farm) No. _____ Serial No. PENNINGTON #1

Elevation (Spirit Level) 3288' SW

Quadrangle BLACKWATER FALLS 7.5' DAVIS 15'

County TUCKER District DRY FORK

Engineer Daniel L. Wheeler

Engineer's Registration No. 530 L.L.S.

File No. _____ Drawing No. _____

Date FEBRUARY 9th 1979 Scale 1" = 500'

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

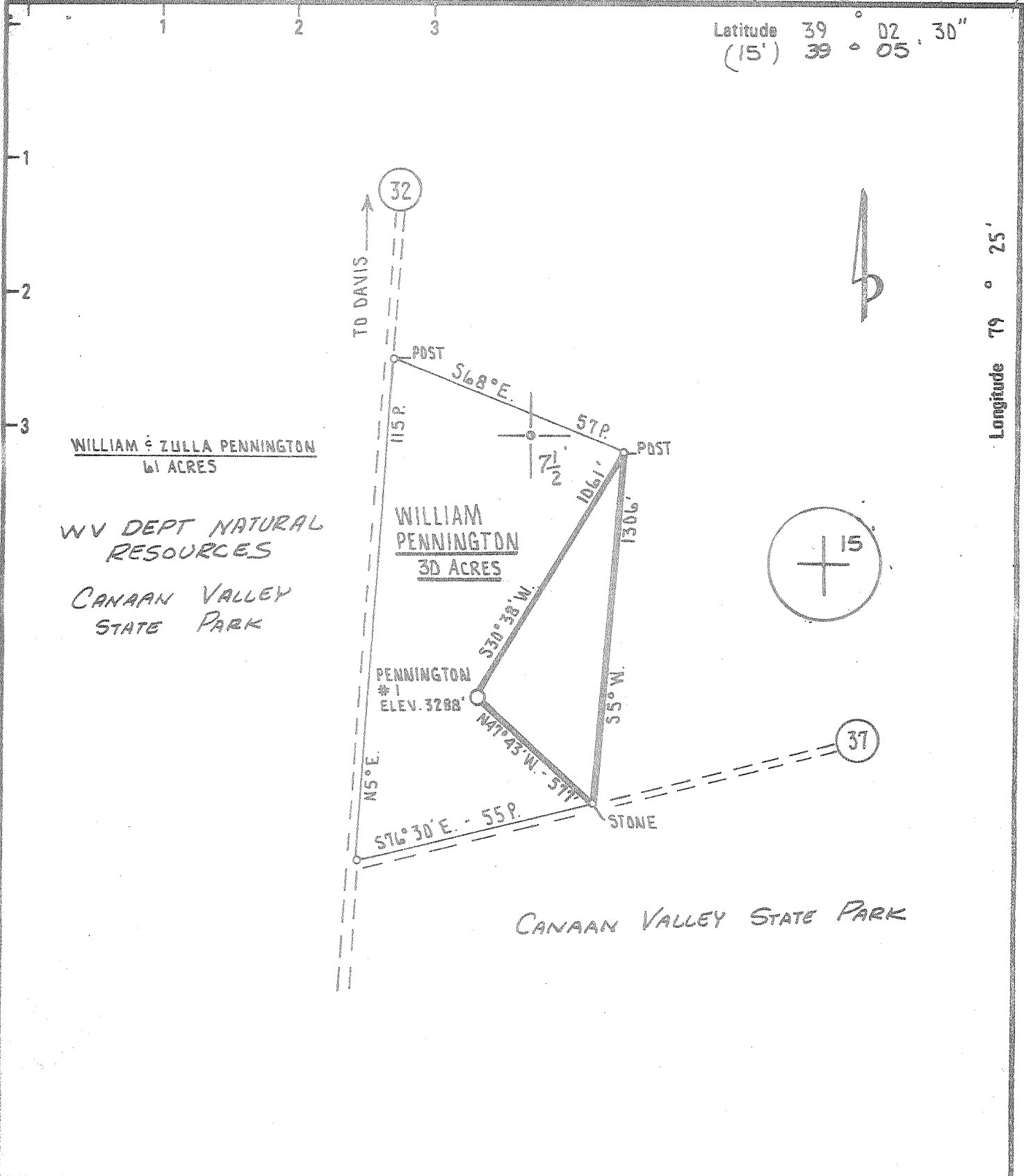
WELL LOCATION MAP
 FILE NO. 47-093-0048
DRILLING CANCELED

+ 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.
 JUL 24 1979

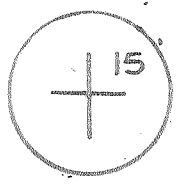
- Denotes one inch spaces on border line of original tracing.

1211.1720 Fy

Latitude 39° 02' 30"
(15') 39° 05'



Longitude 79° 25'



New Location <input checked="" type="checkbox"/> Drill Deeper <input type="checkbox"/> Abandonment <input type="checkbox"/>	Minimum Error of Closure <u>ONE PART IN 200</u> Source of Elevation <u>JCT. S.L.S. 32 AND S.L.S. 37</u> <u>U.E. 3295'</u> "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."
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Company	<u>BEREA OIL & GAS CORPORATION</u>		
Address	<u>901 CHEMICAL BANK BUILDING 69 DELAWARE AVE. - BUFFALO, NEW YORK 14202</u>		
Farm	<u>WILLIAM PENNINGTON</u>		
Tract	Acres <u>30</u>	Lease No.	
Well (Farm) No.		Serial No.	<u>PENNINGTON #1</u>
Elevation (Spirit Level)	<u>3288'</u>		<u>SW</u>
Quadrangle	<u>BLACKWATER FALLS 7.5' DAVIS 15'</u>		
County	<u>TUCKER</u>	District	<u>DRY FORK</u>
Engineer	<u>Donald Keeler</u>		
Engineer's Registration No.	<u>530 L.L.S.</u>		
File No.	Drawing No.		
Date	<u>FEBRUARY 9th 1979</u>	Scale	<u>1" = 500'</u>

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

WELL LOCATION MAP
 FILE NO. 47-093-0048

+ 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.

JUN 26 1979



REGISTERED

JUN 11 1979

STATE OF WEST VIRGINIA
DEPARTMENT OF MINES
OIL & GAS DIVISION

DEPT. OF MINES
Oil and Gas Division

MAR 28 1979
W. VA. OIL & GAS
CONSERVATION COMMISSION

OIL AND GAS WELL PERMIT APPLICATION

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

Surface Owner William Pennington
 Address Eglon, W. Va. 26716

Mineral Owner William Pennington
 Address Eglon, W. Va. 26716

Coal Owner none
 Address _____

Coal Operator none
 Address _____

DATE February 13, 1979

Company Berea Oil & Gas Corporation
 Address 69 Delaware Ave, Buffalo, N.Y. 14202

Farm Wm. Pennington Acres 30

Location (waters) Blackwater River

Well No. 1 Elevation 3288

District Dry Fork County Tucker

Quadrangle Blackwater Falls 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 2-12-80.

[Signature]
Deputy Director - Oil & Gas Division

INSPECTOR TO BE NOTIFIED Robert Stewart

ADDRESS P. O. Box 345, Jane Lew, W. Va. 26378

PHONE 884-7782

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 _____ 19____ by _____ made to _____ and recorded on the _____ day of _____ 19____, in _____ County, Book _____ Page _____

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,
 (Sign Name) *[Signature]*
 Well Operator

Suite 652 Empire Bank Bldg.
 Street
 Clarksburg, 26301
 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.

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

PROPOSED WORK ORDER TO X DRILL DEEPEN FRACTURE-STIMULATE
 DRILLING CONTRACTOR: (If Known) _____ RESPONSIBLE AGENT:
 NAME _____ NAME Mark V. Schumacher, P.E.
 ADDRESS _____ ADDRESS 652 Empire Bank Building
 _____ Clarksburg, WV 26301
 TELEPHONE _____ TELEPHONE 304-624-6429
 ESTIMATED DEPTH OF COMPLETED WELL: 8450
 PROPOSED GEOLOGICAL FORMATION: Oriskany
 ROTARY XX CABLE TOOLS _____
 TYPE OF WELL: OIL _____ GAS X 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 20"	20'	20'	-
13 - 10 13 3/8"	210'	210'	To surface
9 - 5/8	2300'	2300'	To surface
8 - 5/8			
7			
5 1/2			
4 1/2	8445'	8445'	1000 Ft. fillup
3			Perf. Top
2			Perf. Bottom
Liners			Perf. Top
			Perf. Bottom

APPROXIMATE FRESH WATER DEPTHS 40' FEET SALT WATER _____ FEET
 APPROXIMATE COAL DEPTHS none
 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.

RECEIVED

MAR 28 1979

W. VA. OIL & GAS
CONSERVATION COMMISSION

For Coal Company

Official Title