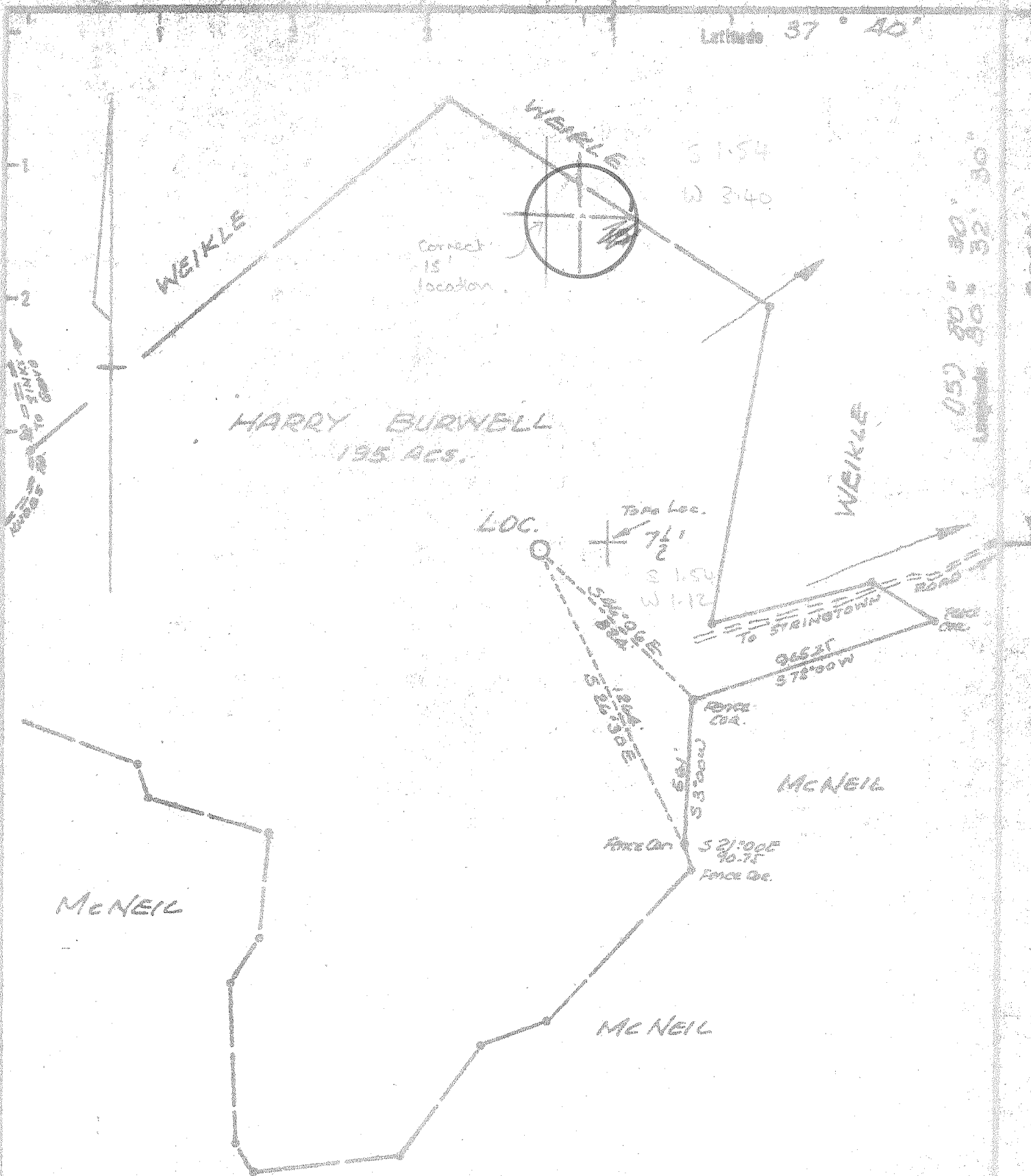


Latitude 37° 40'



HARRY BURNELL  
195 ACS.

LOC.

Topo Loc.  
7 1/2  
S 1.54  
W 1.12

WEIKLE

MCNEIL

MCNEIL

MCNEIL

New Location   
 Drill Deeper   
 Abandonment

Minimum Error of Closure 1 IN. 200  
 Source of Elevation U.S.G.S. El. 2417' TOP OF KNOB EAST 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 AMERICAN PUBLIC ENERGY CO.  
 8950 NORTH CENTRAL EXPRESSWAY  
 Address DALLAS, TEXAS, 75206

Farm HARRY BURNELL

Tract \_\_\_\_\_ Acres 195.0 OF 640 Less No. \_\_\_\_\_

Well (Farm) No. 1 Serial No. EC

Elevation (Spirit Level) 2507.0, ALDERSON 15'

Quadrangle FORT SPRING WVA. 7.5 800

County MONROE District UNION

Engineer N.L. Lipton

Engineer's Registration No. 1832

File No. \_\_\_\_\_ Drawing No. \_\_\_\_\_

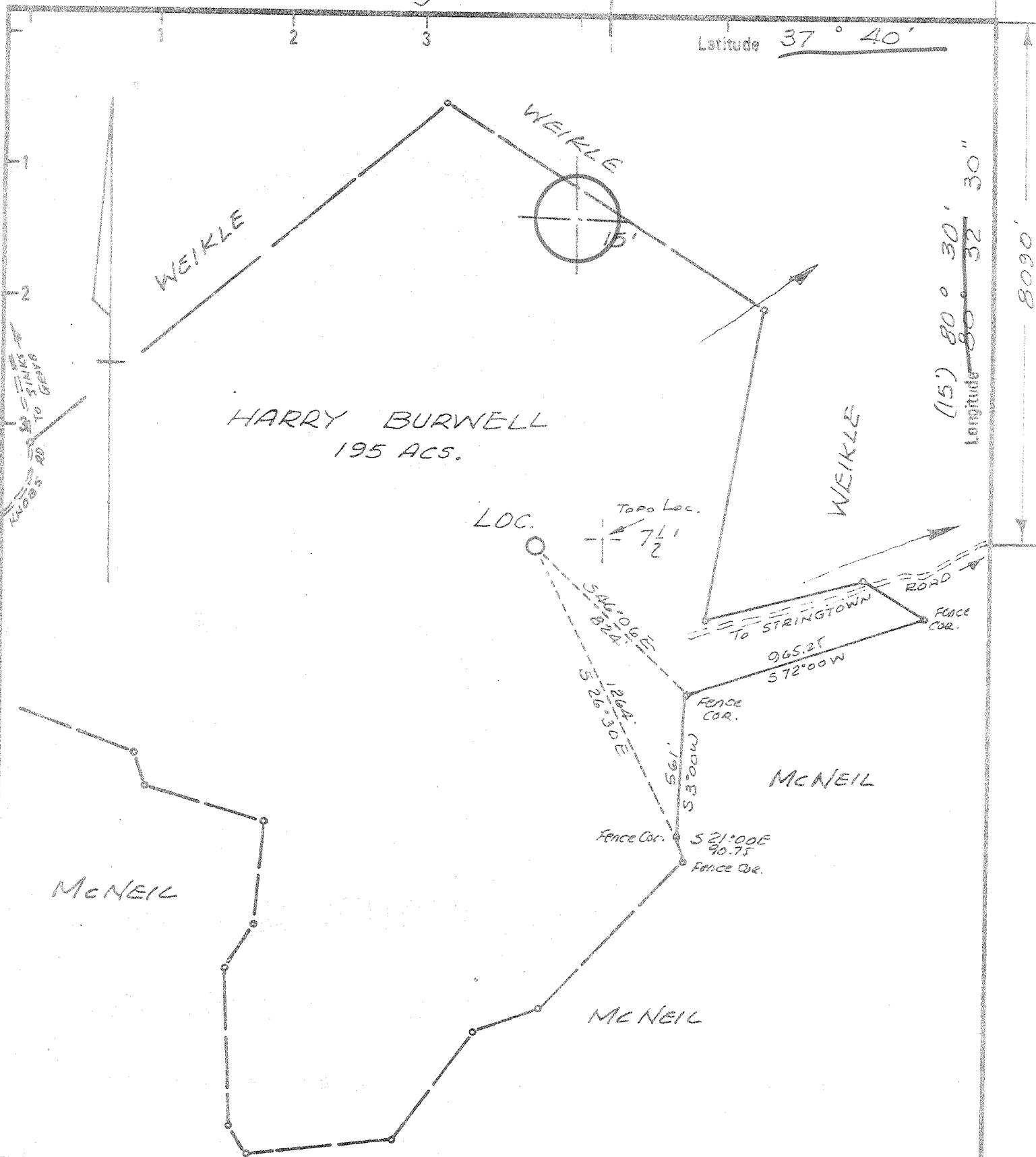
Date 6-9-78 Scale 1" = 500'

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

WELL LOCATION MAP  
 FILE NO. MONROE-8  
 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.

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



(15) 80° 30' 32" 30"  
Longitude

8090'

- New Location
- Drill Deeper
- Abandonment

Minimum Error of Closure 1 IN 200  
Source of Elevation U.S.G.S. EL. 2417' TOP OF KNOB EAST 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 AMERICAN PUBLIC ENERGY CO.  
 Address 8350 NORTH CENTRAL EXPRESSWAY DALLAS, TEXAS, 75206  
 Farm HARRY BURWELL  
 Tract \_\_\_\_\_ Acres 195.0 of 640 Lease No. \_\_\_\_\_  
 Well (Farm) No. 1 Serial No. EC  
 Elevation (Spirit Level) 2507.0, ALDERSON 15' FILE NO. MONROE - 8  
 Quadrangle FORT SPRING, W.VA. 7.5 TPOD  
 County MONROE District UNION  
 Engineer N.L. Sefton  
 Engineer's Registration No. 1832  
 File No. \_\_\_\_\_ Drawing No. \_\_\_\_\_  
 Date 6-9-78 Scale 1" = 500'

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

WELL LOCATION MAP

+ 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.



STATE OF WEST VIRGINIA  
DEPARTMENT OF MINES

RECEIVED  
JUL - 5 1978

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 5 July, 1978

Surface Owner Harry Burwell  
Address Union, WV  
Mineral Owner same  
Address same  
Coal Owner same  
Address same  
Coal Operator none  
Address ---

Company American Public Energy Company  
Address 8350 N. Central Expressway, Dallas, Texas  
Farm Burwell et al unit Acres 195 of 640 ac  
Location (waters) Second Creek  
Well No. 1 Elevation 2507.0  
District Union County Monroe  
Quadrangle Fort Spring, WV 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 12-31-78.

INSPECTOR  
TO BE NOTIFIED Leroy Hopkins  
ADDRESS General Delivery, Ansted, W.Va.  
PHONE 658-4280

Deputy Director, Oil & Gas Division

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 23 March 1973 by L.R. Burwell made to Weaver O&G (assn. AMPECO) and recorded on the 31 day of October 1973, in Monroe County, Book 9 Page 117

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,   
(Sign Name) American Public Energy Company  
Well Operator  
8350 North Central Expressway  
Street  
Dallas 75206  
City or Town  
Texas  
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.

CASH DEPOSIT  
HELD BY TREASURER

?  
MONROE-8 PERMIT NUMBER

**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 unknown \_\_\_\_\_ NAME William E. Bennett \_\_\_\_\_  
 ADDRESS \_\_\_\_\_ ADDRESS P.O. Box 2683, Chas., WV 25330 \_\_\_\_\_  
 TELEPHONE \_\_\_\_\_ TELEPHONE 3450216 \_\_\_\_\_  
 ESTIMATED DEPTH OF COMPLETED WELL: 7000' \_\_\_\_\_ ROTARY X \_\_\_\_\_ CABLE TOOLS \_\_\_\_\_  
 PROPOSED GEOLOGICAL FORMATION: Oriskany \_\_\_\_\_  
 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			
13 - 10 <u>10"</u>	<u>10" to 450'</u>	<u>450'</u>	<u>circ to surface</u>
9 - 5/8			
8 - 5/8			
7			
5 1/2			
4 1/2	<u>7000'</u>		<u>50 sacks</u>
3			Perf. Top
2			Perf. Bottom
Liners			Perf. Top
			Perf. Bottom

APPROXIMATE FRESH WATER DEPTHS Deepest 365' FEET \_\_\_\_\_ SALT WATER \_\_\_\_\_ FEET \_\_\_\_\_  
 APPROXIMATE COAL DEPTHS none \_\_\_\_\_  
 IS COAL BEING MINED IN THE AREA? -- 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.

-----NA-----

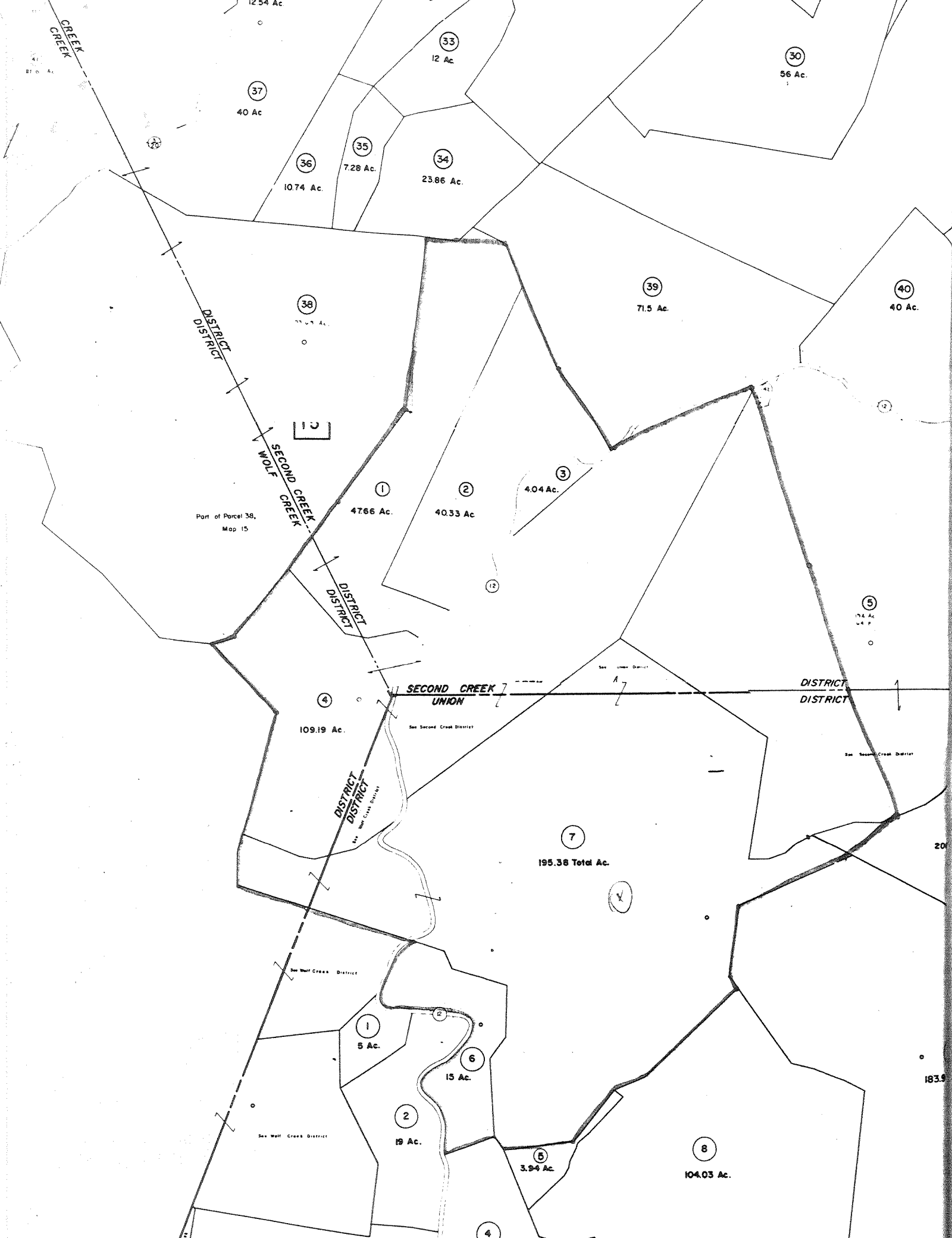
The following waiver must be completed by the coal operator if the permit is to be issued within ten days of receipt thereof.

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



CREEK

01 0. Ac.

1254 Ac.

37  
40 Ac.

33  
12 Ac.

30  
56 Ac.

36  
1074 Ac.

35  
7.28 Ac.

34  
23.86 Ac.

39  
71.5 Ac.

40  
40 Ac.

DISTRICT

38  
17.5 Ac.

13

Part of Parcel 38,  
Map 15

SECOND CREEK  
WOLF

1  
4766 Ac.

2  
40.53 Ac.

3  
4.04 Ac.

4  
109.19 Ac.

SECOND CREEK  
UNION

See Second Creek District

See Lower District

DISTRICT

See Second Creek District

DISTRICT

7  
195.38 Total Ac.

See Wolf Creek District

1  
5 Ac.

6  
15 Ac.

2  
19 Ac.

5  
3.94 Ac.

8  
104.03 Ac.

See Wolf Creek District

183.9