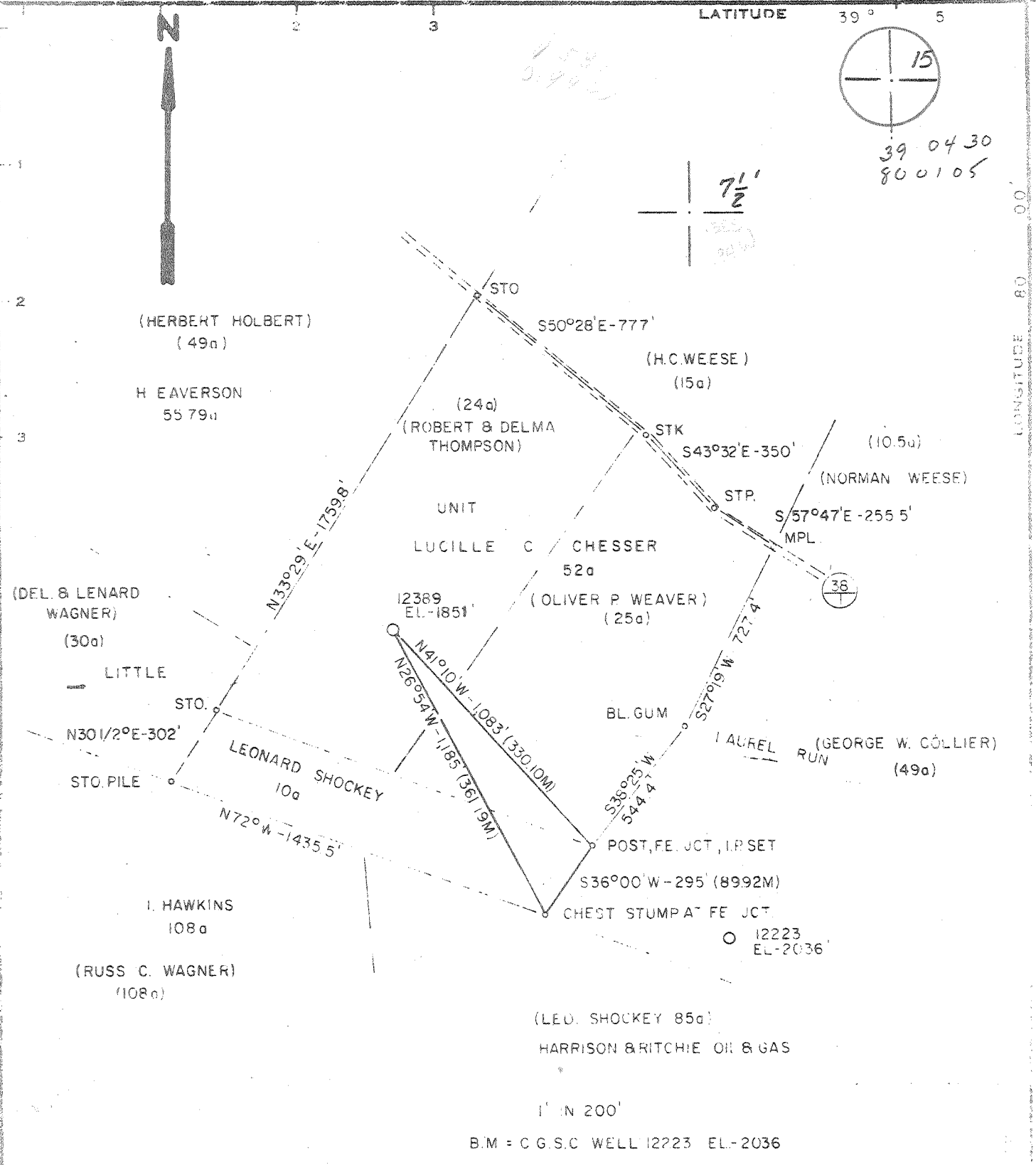


39 04 30
800105

7 1/2

LONGITUDE 80 00
3100 (964.88M)



B.M. = C.G.S.C WELL 12223 EL-2036

New Area X
Dred Deep
Abandoned

MAP SHEET 43B S28E32

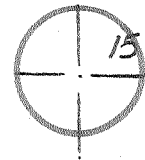
F.B. 1842 PG. 38-40

Company CONSOLIDATED GAS SUPPLY CORP.
 City CLARKSBURG, W.V.
 Name LUCILLE C. CHESSER (ROBERT & D. THOMPSON)
 Tract 52 83518
 Well No. 12389
 Elevation 1851' SE
 Quadrangle AUDRA 7 1/2 Philippi 15'
 County BARBOUR District PHILIPPI
 Engineer Harrell M. Radcliffe
 Engineer's Registration No. 44.S. 74
 File No. Drawing No.
 Date 7-13-77 Scale 1" = 500'

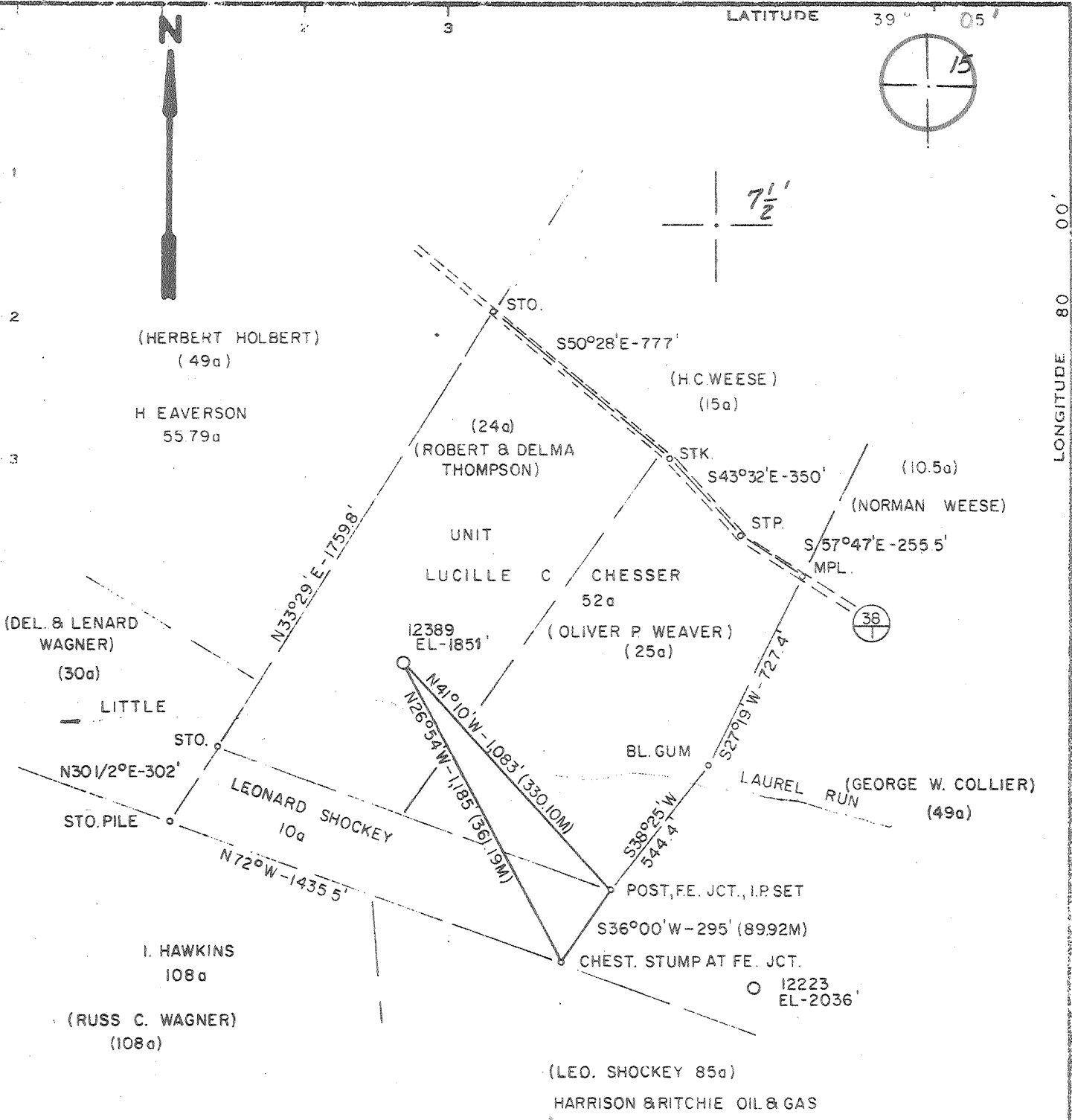
STATE OF WEST VIRGINIA
 DEPARTMENT OF MINES
 DIVISION OF OIL & GAS
 AMPLIFICATION
 BAR-935
 Denotes location of well or other features
 Topographic Maps, scale 1 to 24,000 latitude
 and longitude lines being represented by border
 lines as shown.
 --- Denotes one inch spaces on border line of
 original tracing. 47-001 JAN 13 1978

60 Buckhannon-Century (257)

7520



7 1/2'



"I, the undersigned, hereby certify that this map is correct to the best of my knowledge and shows all the information required by paragraph 4 of the rules and regulations of the Oil and Gas Section of the Mining Laws of West Virginia."

New Location X
 Drill Deeper
 Abandoned X

4/18/78

MAP SHEET 43B S28E32

F.B. 1842 PG. 38-40

Company CONSOLIDATED GAS SUPPLY CORP.
 Address CLARKSBURG, W.V.
 Farm LUCILLE C. CHESSER (ROBERT & D. THOMPSON)
 Tract 52 83518
 Well (Name) No. 12389
 Elevation (Spirit) 1851'
 Quadrangle AUDRA 7 1/2
 County BARBOUR District PHILIPPI
 Engineer Harrell M. Radcliffe
 Engineer's Registration No. 445-74
 File No. _____ Drawing No. _____
 Date 7-13-77 Scale 1" = 500'

STATE OF WEST VIRGINIA
 DEPARTMENT OF MINES
 OIL AND GAS DIVISION
 CHARLESTON
 WELL LOCATION MAP
 FILE NO. **BAR-935-P**
 Denotes location of well on United States Topographic Maps, scale 1 to 24,000 latitude and longitude lines being represented by border lines as shown.
 -- Denotes one inch spaces on border line of original tracing.
47-001 APR 21 1978

7520



STATE OF WEST VIRGINIA
DEPARTMENT OF MINES

Oil and Gas Division
WELL RECORD

RECEIVED
APR 1 1978

OIL & GAS DIVISION
DEPT. OF MINES

Quadrangle PHILIPPI
Permit No. BAR-935-P

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

Company Consolidated Gas Supply Corporation
Address Clarksburg, W. Va.
Farm Lucille C. Chesser Acres 52
Location (waters) Little Laurel Run
Well No. 12389 Elev. 1351'
District Philippi County Barbour
The surface of tract is owned in fee by _____
Address _____
Mineral rights are owned by _____
Address _____
Drilling Commenced 2-28-78
Drilling Completed 3-07-78
Initial open flow No test cu. ft. _____ bbls.
Final production Dry 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. 18 1/2 11"	152'	152'	To surface
9 5/8			
8 5/8	897'	897'	To surface
7			
5 1/2			
4 1/2	3087'	3087'	150 bags
3			
2			
Liners Used			

Well treatment details:

Attach copy of cementing record.

Treated with 60,000# sand, 200 bbl water and 500 gal acid.

Perforations: 2881-2891' with 18 holes

Coal was encountered at 105' 163' 355' 564' Feet 1 1/2" 3/4" 60" 36" Inches
Fresh water 78' 225' 240" Feet _____ Salt Water None Feet _____
Producing Sand Dry in all formations Depth _____

Formation	Color	Hard or Soft	Top Feet	Bottom Feet	Oil, Gas or Water	* Remarks
Sand & Shale			0	105	Water	78' Fresh
Coal			105	109		
White Sand			109	163		
Coal			163	166		
White Sand			166	355	Water	225' & 240'
Coal			355	360		
Sand & Shale			360	564		
Coal			564	567		
Sand & Shale			567	1160		
Little Lime			1160	1190		
Big Lime			1190	1330		
Sand & Shale			1330	1400		
Big Injun			1400	1480		
Berea			1480	1540		
Sand & Shale			1540	1883	Gas	
1th Sand			1883	1958		
2th Sand			1958	2060		
Bayard			2130	2498		
Warren			2498	2575		
Speechley			2675	2832		
Balltown			2955	3175		
Bradford			3255	3360		
Benson ✓			3983	3997	Gas	Benson Smell

Total Depth

(over) 1150'

* Indicates Electric Log tops in the remarks section.

APR 21 1978



STATE OF WEST VIRGINIA
DEPARTMENT OF MINES

Oil and Gas Division

OIL AND GAS WELL PERMIT APPLICATION

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

DATE 12-23-77
~~July 24 1977~~

Surface Owner Robert & Delma Thompson Company Consolidated Gas Supply Corporation
 Address Belington, W. Va. Address Clarksburg, W. Va.
 Mineral Owner Union National Bank (Cr. Chesser) Farm Lucille C. Chesser Acres 52
 Address Clarksburg, W. Va. Location (waters) Little Laurel Run
 Coal Owner Domenick Marrara Well No. 12389 Elevation 1851'
 Address Kingwood, W. Va. District Philippi County Barbour
 Coal Operator No Operations Quadrangle PHILIPPI
 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 drilling. This permit shall expire if operations have not commenced by 4-30-78.

[Signature]
Deputy Director - Oil & Gas Division

INSPECTOR To be appointed
TO BE NOTIFIED Rick Hatfield
ADDRESS Buckhannon, W. Va.
PHONE 724-268

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 10-10-72 19 by Lucille C. Chesser made to Consol Gas Sply Corp. and recorded on the 8th day of November 1972, in Barbour County, Book 71 Page 54

~~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 Same 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]* Manager of Prod.
Well Operator
Consolidated Gas Supply Corporation
Street
445 West Main Street
City or Town
Clarksburg, 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

BAR-935 PERMIT NUMBER

"I have read and understand the reclamation requirements as set forth in Chapter 22, Article 4, Section 12-b and will carry out the specified requirements."

Signed by *[Signature]*

47-001

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 S. W. Jack Drilling Co. NAME R. E. Bayne
 ADDRESS Indiana, Pa. ADDRESS Bridgeport, W. Va.
 TELEPHONE --- TELEPHONE 623-3611
 ESTIMATED DEPTH OF COMPLETED WELL: 4150' ROTARY xx CABLE TOOLS _____
 PROPOSED GEOLOGICAL FORMATION: Benson
 TYPE OF WELL: OIL _____ GAS xx 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 11"	20'	20'	To Surface
9 - 5/8			
8 - 5/8	900'	900'	To Surface
7			
5 1/2			
4 1/2	4150'	4150	12.5 bags
3			Perf. Top
2			Perf. Bottom
Liners			Perf. Top
			Perf. Bottom

APPROXIMATE FRESH WATER DEPTHS 85' FEET SALT WATER None FEET
 APPROXIMATE COAL DEPTHS 400' . 500'
 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