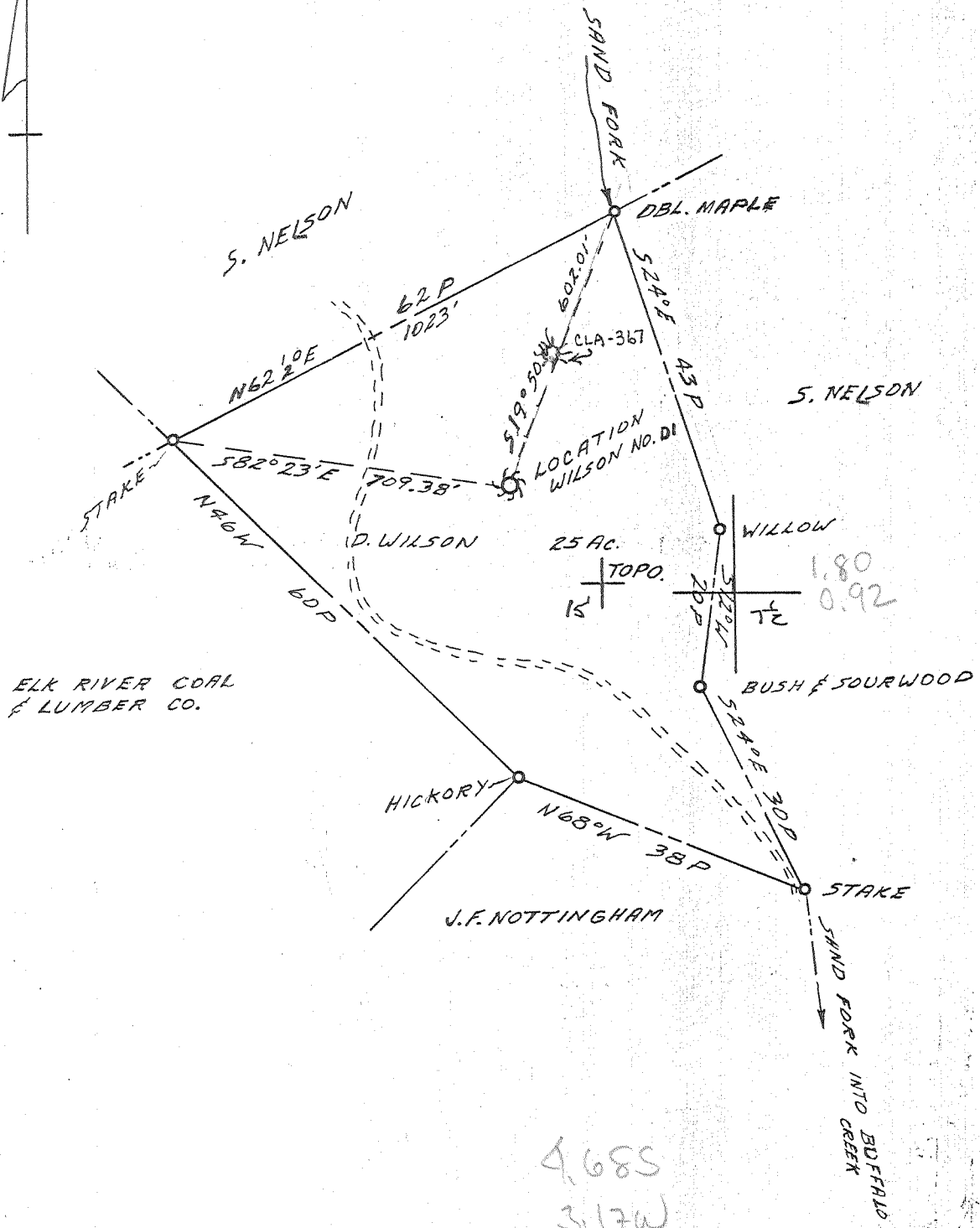


4900 3-13-72-Jed

Latitude $38^{\circ} 35'$
 $38^{\circ} 32' 30''$

Longitude $80^{\circ} 57' 30''$
 $80^{\circ} 55'$



ELK RIVER COAL & LUMBER CO.

- Fracture Before 6/5/29
- New Location
- Drill Deeper
- Redrill
- Abandonment

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 5 of the Rules and Regulations of the Oil and Gas Section of the Mining Laws of West Virginia. *Paul G. Dean*
The accuracy of this survey is within the limits and as prescribed in paragraph 5 by the Oil and Gas Division of the Department of Mines Regulations.
PROVEN ELEVATION FORKS OF RD. 700 S.E. OF LOC. = 1052'

Company DORVA CORP.
 Address 41 CHESTERFIELD ROAD COLUMBUS, OHIO
 Farm D. WILSON
 Tract 1 Acres 25 Lease No. _____
 Well (Farm) No. D-1 Serial No. _____
 Elevation (Spirit Level) 1105'
 Quadrangle GASSAWAY'S STRANGE CREEK 7 1/2
 County CLAY District BUFFALO
 Engineer PAUL G. DEAN
 Engineer's Registration No. 1856
 File No. 136-14-11 Drawing No. 72-6
 Date FEB. 25, 1972 Scale 1"=20P=330'

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

WELL LOCATION MAP

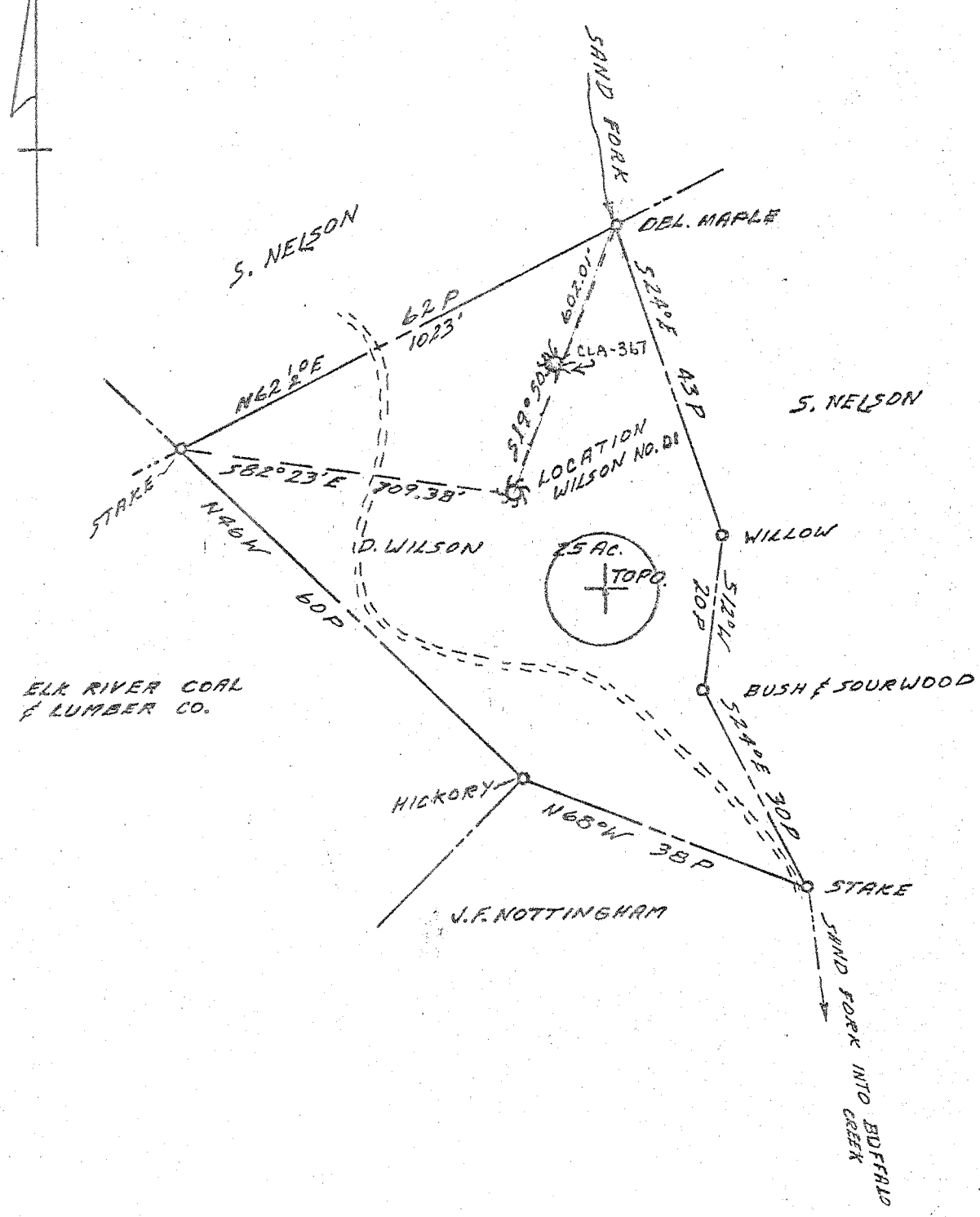
FILE NO. Clay 954

Revised as Clay-964-P

+ 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.

MAR 16 1987



- Fracture Before 6/5/29
- New Location
- Drill Deeper
- Redrill
- Abandonment

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 5 of the Rules and Regulations of the Oil and Gas Section of the Mining Laws of West Virginia. *Paul G. Dean*

The accuracy of this survey is within the limits and as prescribed in paragraph 5 by the Oil and Gas Division of the Department of Mines Regulations. **PROVEN ELEVATION FORKS OF RD. 700' S.E. OF LOC. = 105.2'**

Company DORVA CORP
 Address 41 CHESTERFIELD ROAD COLUMBUS, OHIO
 Farm D. WILSON
 Tract 1 Acres 25 Lease No. _____
 Well (Farm) No. D-1 Serial No. _____
 Elevation (Spirit Level) 1105'
 Quadrangle GASSAWAY SW
 County CLAY District BUFFALO
 Engineer PAUL G. DEAN
 Engineer's Registration No. 1856
 File No. 136-14-11 Drawing No. 72-6
 Date FEB. 25, 1972 Scale 1"=200' = 330'

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

WELL LOCATION MAP
 FILE NO. WAS CLAY-954
now CLAY-964

+ 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 -

MAR 14 1988

AFFIDAVIT OF PLUGGING AND FILLING WELL

AFFIDAVIT SHOULD BE MADE IN TRIPPLICATE, 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.

Coal Operator or Owner	Dorva Corp.
Address	Name of Well Operator
Coal Operator or Owner	41 N. Chesto Field Rd. Columbus, Ohio 43209
Address	Complete Address
Lease or Property Owner	December 10 19 87
Address	WELL AND LOCATION
	Buffalo District
	Clay County
	WELL NO. D. 1
	D. Wilson Farm

STATE INSPECTOR SUPERVISING PLUGGING Homer Dougherty

AFFIDAVIT

STATE OF WEST VIRGINIA,
County of _____

ss:

Gary Seabolt and Rick Duckworth

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 Steve Duckworth, well operator, and participated in the work of plugging and filling the above well, that said work was commenced on the 23 day of September, 19 87, and that the well was plugged and filled in the following manner:

Sand or Zone Record Formation	Filling Material	Plugs Used Size & Kind	Casing	
			CSG PULLED	CSG LEFT IN
	Fill hole with Gell			
	3040-2840	Cement	7"	2050
	2050-1950	Cement	9 5/8"	990
	990-890	Cement		
	458-408	Cement		
	50-0	Cement		
Coal Seams				
(Name)		(Description of Monument)		
(Name)		Erected Monument according to rules and regulations		
(Name)				
(Name)				

and that the work of plugging and filling said well was completed on the 5th day of October, 19 87.

And further deponents saith not.

Sworn to and subscribed before me this 2 day of March, 19 88.

Gary Seabolt
Rick Duckworth
Albert B. Stewart
Notary Public

My commission expires:

Feb 23, 1991

Permit No. 47

015-964

MAR 18 1988



STATE OF WEST VIRGINIA
DEPARTMENT OF MINES

Oil and Gas Division

WELL RECORD

RECORDED
APR 2 1973
OIL & GAS DIVISION
DEPT. OF MINES

Lat. - 38°-45'
Long. - 80°-45'

④ 7-42

Quadrangle Gassaway

Permit No. CLA-964 (Formerly: CLAY-954)

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

Company DORVA CORPORATION
Address 41 N. Chesterfield Rd., Cols. 43209
Farm D. Wilson Acres 25
Location (waters) Sand Fork of Buffalo Creek
Well No. D-1 Elev. 1105'
District Buffalo County Clay
The surface of tract is owned in fee by _____
Norman D. Wilson
Address Clay, W. Va.
Mineral rights are owned by N. D. Wilson et al
Address Clay, W. Va.
Drilling Commenced Aug. 30, 1972
Drilling Completed Nov. 7, 1972
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. 20"	15'	15'	(6 sks)
13-10" 13-3/8"	415'	415'	(300 sks)
9 5/8"	2073'	2073'	(225 sks)
8 5/8"			
7"	6419'	6419'	(75 sks)
5 1/2"			
4 1/2"			
3"			
2"			
Liners Used 4 1/2" FiberGlass		124'	(45 sks)

Well treatment details:

Attach copy of cementing record.

In November 1972, after plugging back to 6500', tried to test Oriskany through tubing on packer; unable to set packer in open hole below 7" casing point. In Feb. 1973 set and cemented 4 1/2" fiber glass liner (6368' - 6492'), acidized through perforations (6466' - 6476'), and again was unsuccessful in attempting to test Oriskany.

Well temporarily abandoned pending possible deeper drilling below 7570'.

Coal was ^{not} encountered @ 140' Feet _____ Salt Water @ 1015' & 6371' Feet _____
Producing Sand _____ Depth _____

Formation	Color	Hard or Soft	Top Feet	Bottom Feet	Oil, Gas or Water	* Remarks
Shale			0	70		
Sand			70	500		Water @ 140'
Shale & Sand			500	800		
Sand			800	847		
Shale			847	887		
Sand			887	940		
Shale			940	1000		
Sand			1000	1063		Salt Water @ 1015'
Shale			1063	1115		
Sand			1115	1212		
Shale			1212	1397		
Sand			1397	1458		
Shale			1458	1500		
Sand			1500	1543		
Shale			1543	1610		
Sand			1610	1649		
Shale			1649	1690		
Sand			1690	1732		

(over)

* Indicates Electric Log tops in the remarks section.

Formation	Color	Hard or Soft	Top Feet	Bottom Feet	Oil, Gas or Water	* Remarks
Little Lime			1732	1750		
Blue Monday			1750	1778		
Big Lime			1778	1823		
Big Injun			1823	1975		
Siltstone & Shale			1975	6289		
Onondaga Limestone & Chert			6289	6452	Salt Water @ 6371'	*Onondaga
Oriskany Sand			6452	6483		*Oriskany
Helderberg Limestone			6483	6754		
Salina			6754	7460		*Salina
Williamsport			7460	7485		*Williamsport
Newburg (SBS)			7485	7502		
TD McKenzie (SAS)				7570		

NOTE: Hole plugged back using total of 35 bags of cement (15.0 slurry), displaced through 3½" drill pipe, with cement plugs at 7513'-7438' and 6575'-6500'.

Date April 24, 1974

APPROVED Dorva Corporation, Owner

By D. A. Dorward
D. A. Dorward (Title) President



STATE OF WEST VIRGINIA
DEPARTMENT OF MINES

RECEIVED

JUL 21 1972

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 18, 1972

Surface Owner Norman D. Wilson et al
Address Rt. 4, Box 10, Clay, W. Va. 25043
Mineral Owner Norman D. Wilson et al
Address Clay, W. Va.
Coal Owner Norman D. Wilson et al
Address Clay, W. Va.
Coal Operator None
Address _____

Company Dorva Corporation
Address 41 N. Chesterfield Rd. Columbus, Ohio 43209
Farm D. Wilson Acres 25
Location (waters) Sand Fork of Buffalo Creek
Well No. D-1 Elevation 1108
District Buffalo County Clay
Quadrangle Gassaway

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 11-21-72.

Robert H. Todd
Deputy Director - Oil & Gas Division

INSPECTOR TO BE NOTIFIED SEN Olen Jones
Peytona, W. Va. PH: 836-5469

GENTLEMEN:

The undersigned well operator is entitled to drill upon the above named farm or tract of land for oil and gas, having title thereto, (or as the case may be) under grant or lease dated April 24, 1940 by Della & Loring Wilson made to Pittsburgh & W. Va. Gas Co. and recorded on the 21st day of June 19 40 in Clay County, Book 21 Page 199

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 any objection 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 operator 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.

Very truly yours,
(Sign Name) DORVA CORPORATION
Well Operator

Address
of
Well Operator

41 N. Chesterfield Rd
Street
Columbus
City or Town
Ohio 43209
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 for 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.

BOND DRILL

CLAY-964 PERMIT NO. _____

(Formerly: Clay-954)

**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 P. J. Burns OR D. B. Cayton

ADDRESS _____ ADDRESS 1708 Forest Hills Rt. 4, Box 141

TELEPHONE _____ TELEPHONE 295-9431 Weston, W. Va.

ESTIMATED DEPTH OF COMPLETED WELL: 7300' ROTARY X CABLE TOOLS

PROPOSED GEOLOGICAL FORMATION: Newburg

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			
3 - 10 13-3/8"	400'	400'	To surface
4 - 5/8	2100'	± 500'	± 500 LF
8 - 5/8			
7	6100'	± 500'	± 500 LF
5 1/2			
4 1/2		?	?
3			Perf. Top
2			Perf. Bottom
Liners			Perf. Top
			Perf. Bottom

APPROXIMATE FRESH WATER DEPTHS 25 FEET (SALT WATER ?) 375 FEET

APPROXIMATE COAL DEPTHS 140 FEET

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