

Minimum Error of Closure ONE PART IN 300'

Source of Elevation U.S.G.S. B.M. ON NORTH WING WALL OF CONC. CULVERT FOR BUCK RUN, UNDER WVA SEC. RD 29, N50°E 1200' FROM LOC. ELEV. 800

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.

Fracture..... GAS-DRILL-SHALLOW
 New Location..... DEVONIAN SHALE-T.F. EST. DEPTH 5500'
 Drill Deeper.....
 Abandonment.....

Signed: Mark C. Echard
 Squares: N S E W

Map No.

WELL OPERATOR/ Company	ROCKWELL PETROLEUM COMPANY
Address	P.O. BOX 86, SAND FORK, W.VA. 26430
Farm	EDMUND G. COLE
Tract _____ Acres	96 Lease No. _____
Well (Farm) No.	THREE Serial No. _____
Elevation (Spirit Level)	1164'
Quadrangle	NEW MILTON 7.5' VARIS 15'
County	DOODRIDGE District COYE
Surveyor	MARK C. ECHARD
Surveyor's Registration No.	490
File No. _____ Drawing No. _____	
Date	JULY 5, 1979 Scale 1" = 500'

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

WELL LOCATION MAP

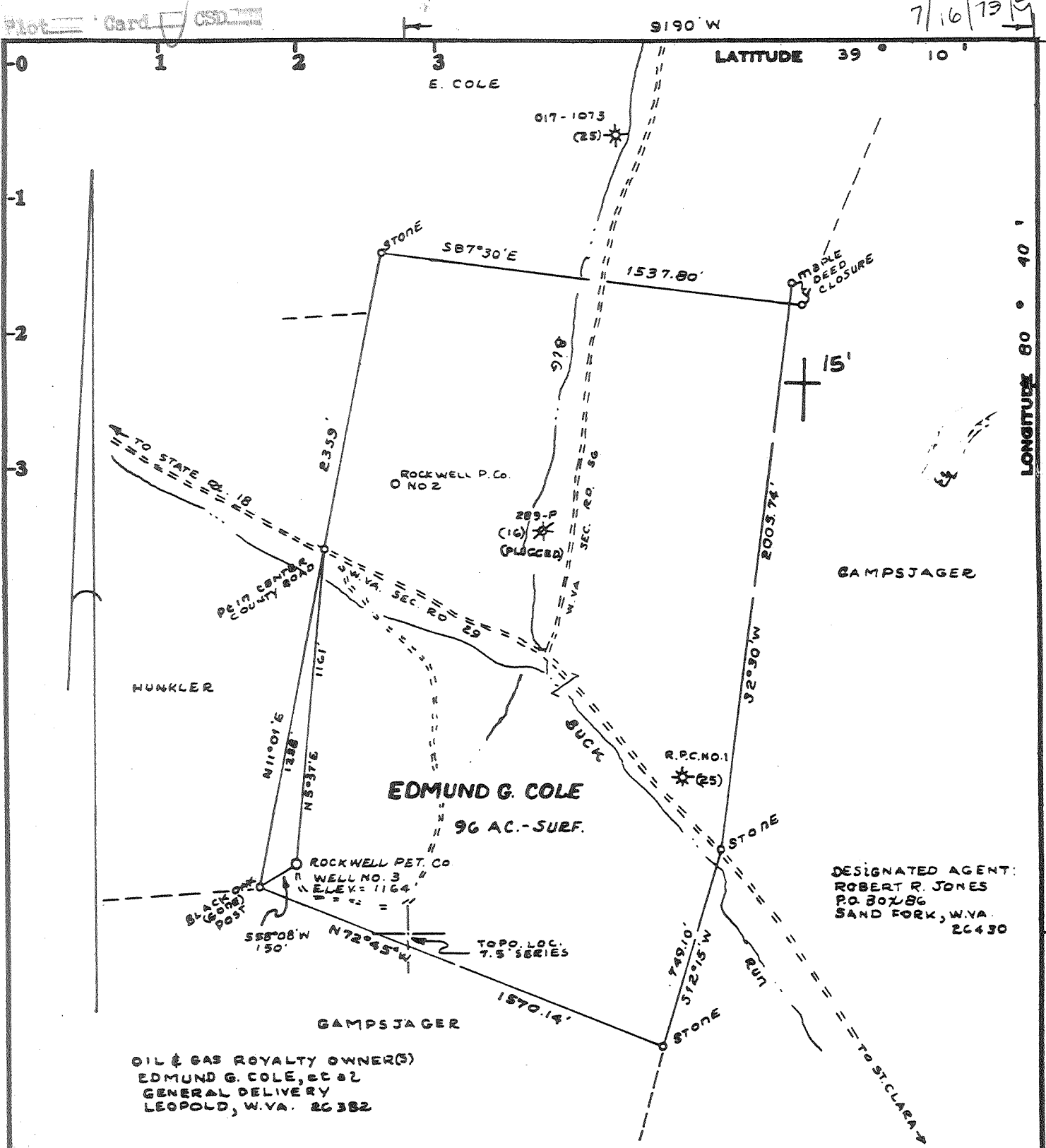
FILE NO. **47-017-2451**

Cancelled

+ Denotes location of well on United States Topographic Maps, scale 1 to 25,000, latitude and longitude lines being represented by border lines as shown.

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

EIK 5500'



Minimum Error of Closure ONE PART IN 300'

Source of Elevation U.S.G.S. B.M. ON NORTH WING WALL OF CONC. CULVERT

FOR BUCK RUN, UNDER WVA SEC. RP 29, N50°E 1200' FROM LOC. ELEV. 888

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.

Fracture..... GAS-DRILL-SHALLOW
 New Location..... DEVONIAN SHALE-T.F. EST. DEPTH 8500'
 Drill Deeper.....
 Abandonment.....

Signed: Mark C. Echard
 Squares: N S E W

Map No.

WELL OPERATOR/
 Company ROCKWELL PETROLEUM COMPANY
 Address P.O. BOX 86, SAND FORK, W.VA. 26430
 Farm EDMUND G. COLE
 Tract _____ Acres 96 Lease No. _____
 Well (Farm) No. THREE Serial No. _____
 Elevation (Spirit Level) 1164'
 Quadrangle NEW MILTON 7.5' VADIS 15'
 County BOODRIDGE District COYE
 Surveyor MARK C. ECHARD
 Surveyor's Registration No. 490
 File No. _____ Drawing No. _____
 Date JULY 5, 1979 Scale 1" = 500'

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

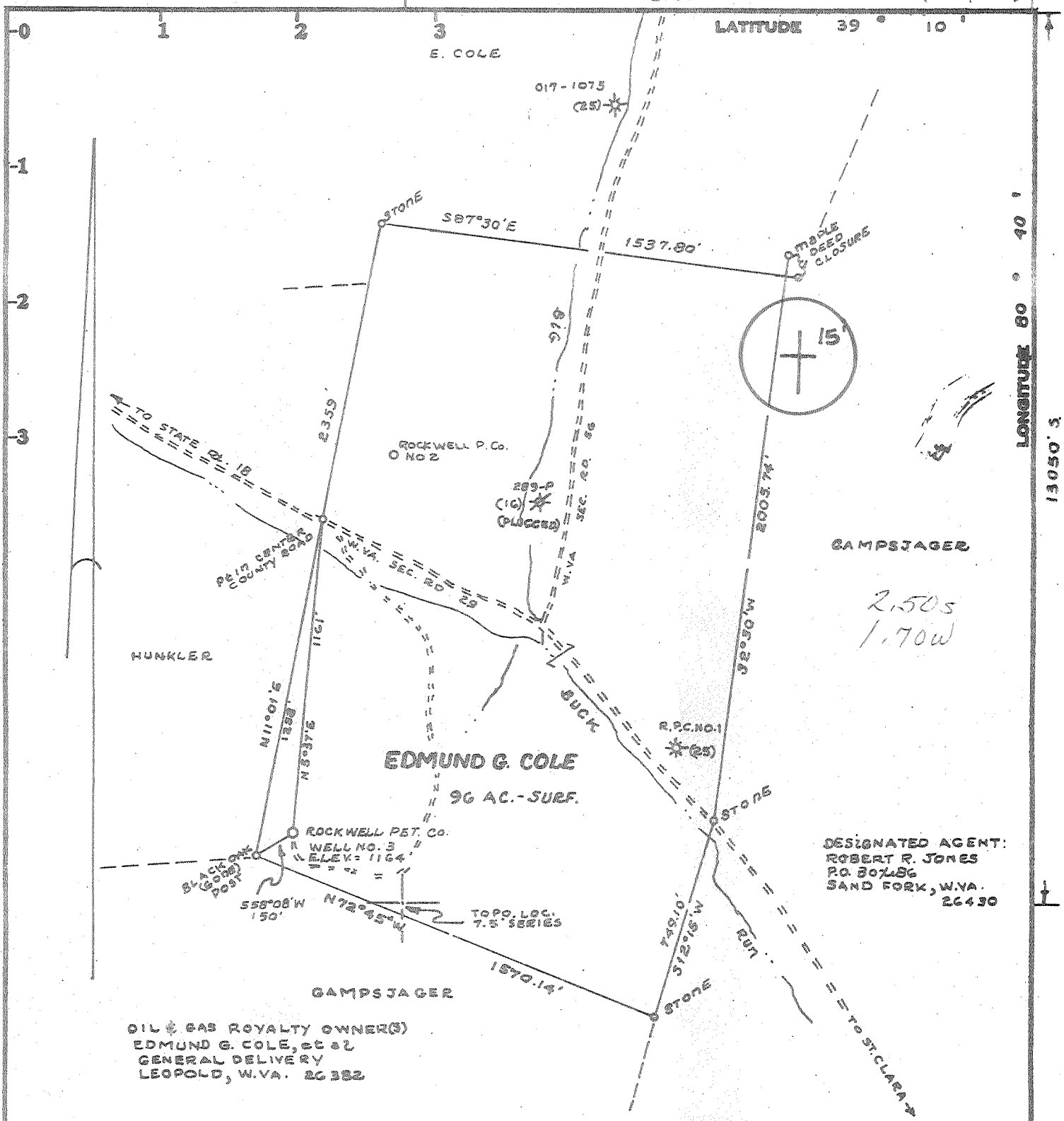
WELL LOCATION MAP

FILE NO. 47-017-2451

Cancelled
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7/16/79



OIL & GAS ROYALTY OWNER(S)
 EDMUND G. COLE, et al
 GENERAL DELIVERY
 LEOPOLD, W.VA. 26382

DESIGNATED AGENT:
 ROBERT R. JONES
 P.O. BOX 86
 SAND FORK, W.VA.
 26430

Minimum Error of Closure ONE PART IN 300'

Source of Elevation U.S.G.S. B.M. ON NORTH WING WALL OF CONC. CULVERT

FOR BUCK RUN UNDER WVA SEC. RD 29 N50°E 1230' FROM LOC. ELEV. 888

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.

- Fracture..... GAS-DRILL-SHALLOW
- New Location..... DEVONIAN SHALES-T.F. EST. DEPTH 5500'
- Drill Deeper.....
- Abandonment.....

Signed: Mark C. Echard

Map No. _____ Squares: N S E W

WELL OPERATOR/ Company	ROCKWELL PETROLEUM COMPANY
Address	P.O. BOX 86, SAND FORK, W.VA. 26430
Farm	EDMUND G. COLE
Tract _____ Acres	96
Lease No. _____	
Well (Farm) No. _____	THREE
Serial No. _____	
Elevation (Spirit Level)	1164'
Quadrangle	NEW MILTON 7.5' VADIS 15'
County	DOODRIDGE
District	COKE
Surveyor	MARK C. ECHARD
Surveyor's Registration No.	490
File No. _____	
Drawing No. _____	
Date	JULY 5, 1979
Scale	1" = 500'

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

WELL LOCATION MAP
 FILE NO. 47-017-2451

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AUG 7 1979

COPY

[08-78]

OIL AND GAS WELL PERMIT APPLICATION

Operator's Well No. Cole #3

API Well No. 47 - 017 - 2451 State County Permit

WELL TYPE: Oil / Gas X / (If "Gas", Production X / Underground storage / Deep / Shallow X /)

LOCATION: Elevation: 1164' Watershed: Buck Run District: Cove County: Doddridge Quadrangle: New Milton 7.5

WELL OPERATOR Rockwell Petroleum Company Address P O Box 86 Sand Fork, WV 26430

DESIGNATED AGENT Robert R. Jones Address P O Box 86 Sand Fork, WV 26430

OIL & GAS LEASE OWNER Edmund G. Cole, et al Address General Delivery Leopold, WV 26382

COAL OPERATOR Address

ACREAGE 96 SURFACE OWNER Edmund G. Cole Address General Delivery Leopold, WV 26832 Acreage 96

COAL OWNER(S) WITH DECLARATION ON RECORD: Name Address

FIELD SALE (IF MADE) TO: Name Address

COAL LESSEE WITH DECLARATION ON RECORD: Name Address

OIL & GAS INSPECTOR TO BE NOTIFIED Name Paul Garrett Address Clarksburg, WV 26301 622-3781

OIL & GAS DIVISION DEPT. OF MINES

JUL 16 1979

The undersigned well operator is entitled to operate for oil or gas purposes at the above location under a deed / lease X / other contract / dated February 7, 1979, to the undersigned well operator from Edmund Cole, Marie Cole, and others

Recorded on March 29, 1979, in the office of the Clerk of the County Commission of Doddridge County, West Virginia, in Lease Book 108 at page 142. A permit is requested as follows:

PROPOSED WORK: Drill X / Drill deeper / Redrill / Fracture or stimulate / Plug off old formation / Perforate new formation / Other physical change in well (specify)

--planned as shown on the work order on the reverse side hereof.

The above named coal operator, coal owner(s), and coal lessee are hereby notified that any objection they wish to make or are required to make by Code § 22-4-3 must be filed with the Department of Mines within fifteen (15) days after the receipt of this Application by the Department.

Copies of this Permit Application and the enclosed plat and reclamation plan have been mailed by registered mail or delivered by hand to the above named coal operator, coal owner(s), and coal lessee on or before the day of the mailing or delivery of this Permit Application to the Department of Mines at Charleston, West Virginia.

PLEASE SUBMIT COPIES OF ALL PHYSICAL LOGS DIRECTLY TO: WEST VIRGINIA OIL AND GAS CONSERVATION COMMISSION 5 WASHINGTON STREET EAST CHARLESTON, WV 25311 TELEPHONE: (304) 348-3092

BLANKET BOND

Rockwell Petroleum Company Well Operator By Robert R. Jones Partner

[08-78]

PROPOSED WORK ORDER

THIS IS AN ESTIMATE ONLY:
ACTUAL INFORMATION MUST BE SUBMITTED ON FORM IV-35 UPON COMPLETION

DRILLING CONTRACTOR (IF KNOWN) Union Drilling, Inc.

Address Drawer 40

Buckhannon, WV 26201

GEOLOGICAL TARGET FORMATION, E1k

Estimated depth of completed well, 5500 feet Rotary X / Cable tools /

Approximate water strata depths: Fresh, 130 feet; salt, feet,

Approximate coal seam depths: Is coal being mined in the area? Yes / No X /

CASING AND TUBING PROGRAM

CASING OR TUBING TYPE	SPECIFICATIONS					FOOTAGE INTERVALS		CEMENT FILL-UP OR SACKS (Cubic feet)	PACKERS
	Size	Grade	Weight per ft	New	Used	For drilling	Left in well		
Conductor									Kinds
Fresh water	8 5/8					1325'	1325'	To surface	
Coal									Sizes
Intermediate									
Production	4 1/2						5475	160 sks	Depths set
Tubing									
Liners									Perforations:
									Top Bottom

NOTE: Regulation 7.02 of the Department of Mines provides that the original and four copies of Form IV-2 must be filed with the Department, accompanied by (i) a plat in the form prescribed by Regulation 11, (ii) a bond in one of the forms prescribed by Regulation 12, or in lieu thereof the other security allowed by Code § 22-4-2, (iii) Form IV-9, "Reclamation Plan", applicable to the reclamation required by Code § 22-4-12b and Regulation 23, (iv) unless previously paid on the same well, the fee required by Code § 22-4-12a, and (v) if applicable, the consent required by Code § 22-4-8a from the owner of any water well or dwelling within 200 feet of the proposed well.

A separate Form IV-2 shall be required for fracturing or stimulating a well where fracturing or stimulating is to be part of the work for which a permit is sought and is not such on the Form IV-2 filed in connection therewith.

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 3-17-80.

[Signature]
Deputy Director - Oil & Gas Division

The following waiver must be completed by the coal operator and by any coal owner or coal lessee who has recorded a declaration under Code § 22-4-20, if the permit is to be issued within fifteen (15) days of receipt thereof:

W A I V E R

The undersigned coal operator / owner / lessee / of the coal under this well location, has examined this proposed well location. If a mine map exists which covers the area of the well location, the well location has been added to the mine map. The undersigned has no objection to the work proposed to be done at this location, provided, the well operator has complied with all applicable requirements of the West Virginia Code and the governing regulations.

Date: , 19

By
Its