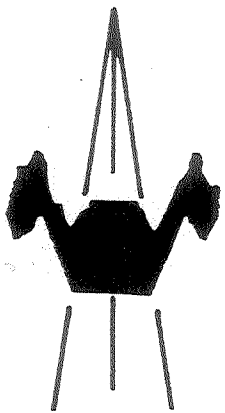
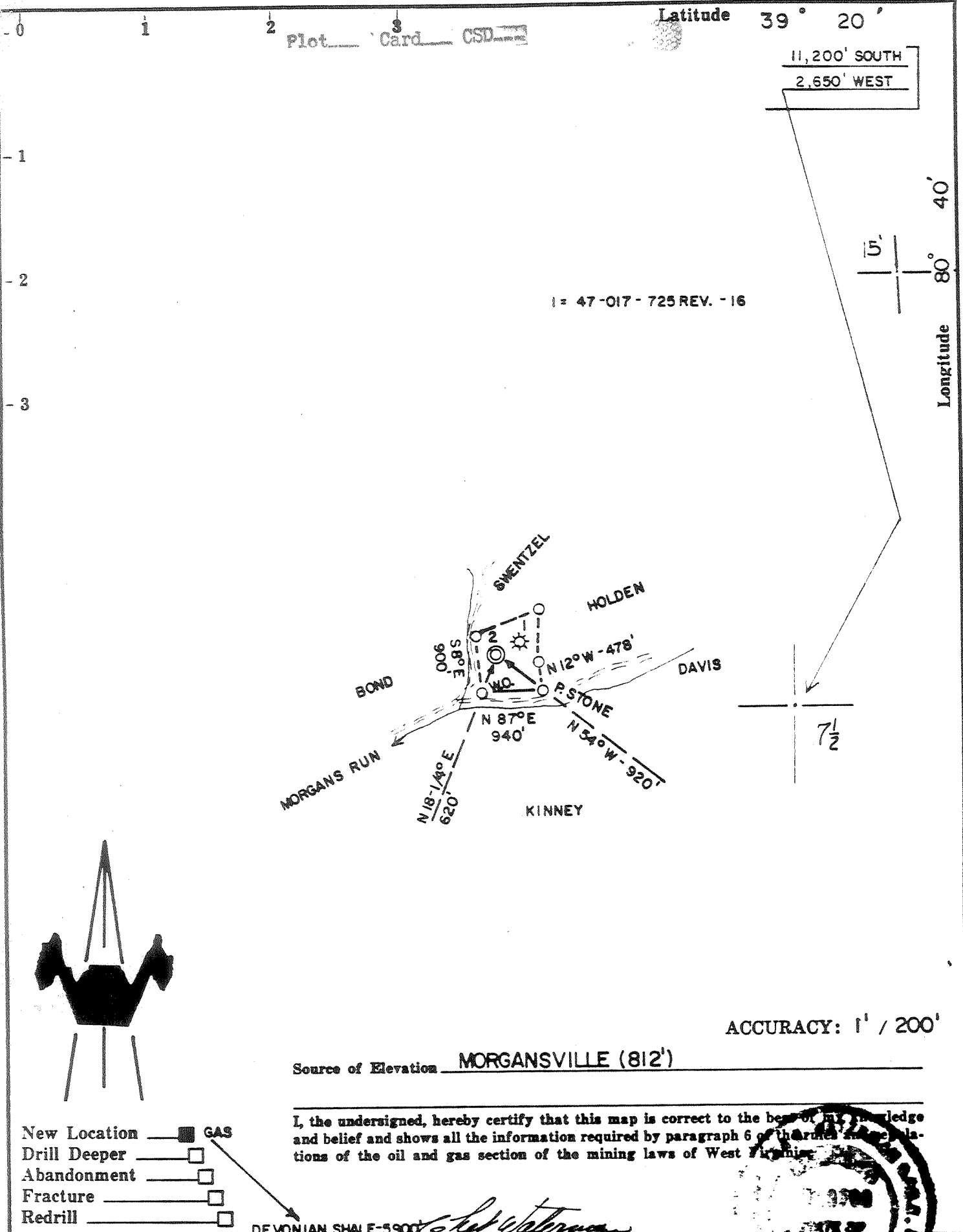


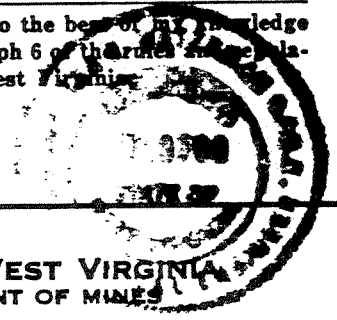
4/2/79



- New Location GAS
- Drill Deeper
- Abandonment
- Fracture
- Redrill

DEVONIAN SHALE-5900'

Chet Waterman



Company	CARL E. SMITH, INC.
Address	SANDYVILLE, WV
Farm	ALVIN A. SWENTZEL (FEE)
Tract	Acres 21-1/4 Lease No.
Well (Farm) No.	2 Serial No.
Elevation (Spirit Level)	1050'
Quadrangle	SMITHBURG (7.5'SERIES), CENTER POINT 15'
County	DODDRIDGE District GRANT
Engineer	CHET WATERMAN
Engineer's Registration No.	3788
File No.	79-30 Drawing No.
Date	1/16/79 Scale 1" = 2000'

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

WELL LOCATION MAP
FILE NO. 47-017-2369

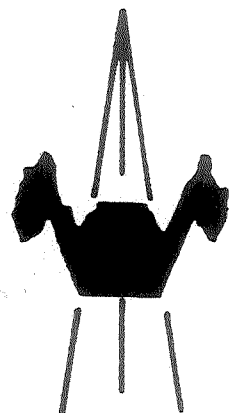
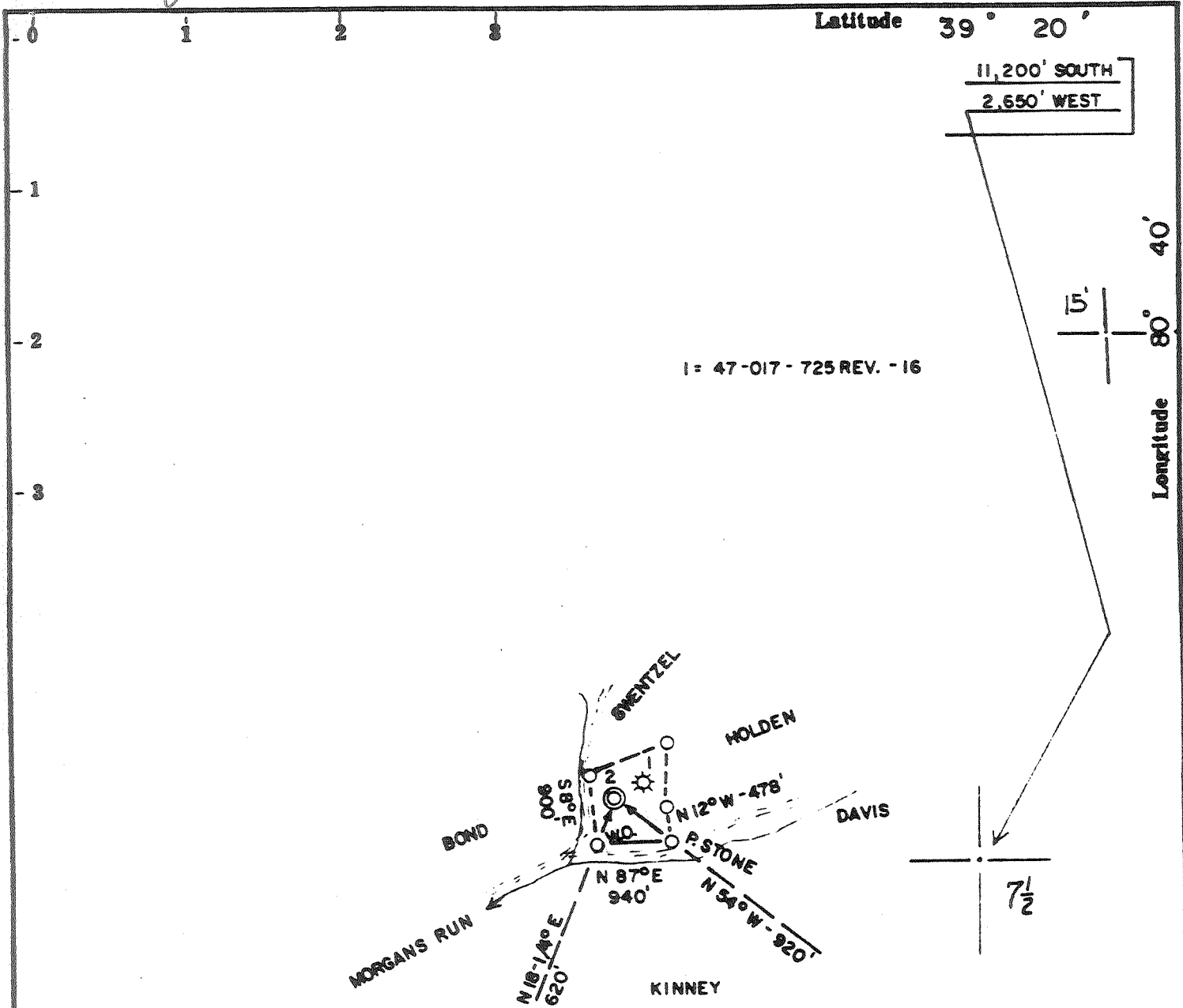
Cancelled

+ 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.

5900' Devonian

4/2/79



ACCURACY: 1' / 200'

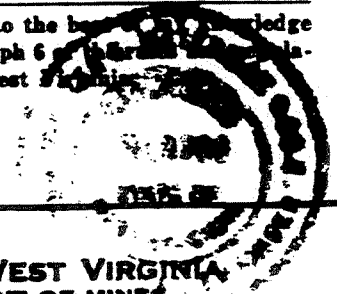
Source of Elevation MORGANSVILLE (812')

- New Location GAS
- Drill Deeper
- Abandonment
- Fracture
- Redrill

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 regulations of the oil and gas section of the mining laws of West Virginia.

DEVONIAN SHALE-5900'

Chet Waterman



Company CARL E. SMITH, INC.
 Address SANDYVILLE, WV
 Farm ALVIN A. SWENTZEL (FEE)
 Tract _____ Acres 21-1/4 Lease No. _____
 Well (Farm) No. 2 Serial No. _____
 Elevation (Spirit Level) 1050'
 Quadrangle SMITHBURG (7.5' SERIES), CENTER POINT 15'
 County DODDRIDGE District GRANT
 Engineer CHET WATERMAN
 Engineer's Registration No. 3788
 File No. 79-30 Drawing No. _____
 Date 1/16/79 Scale 1" = 2000'

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

WELL LOCATION MAP
 FILE NO. 47-017-2369

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.

5900' Devonian

JUN 23 1981

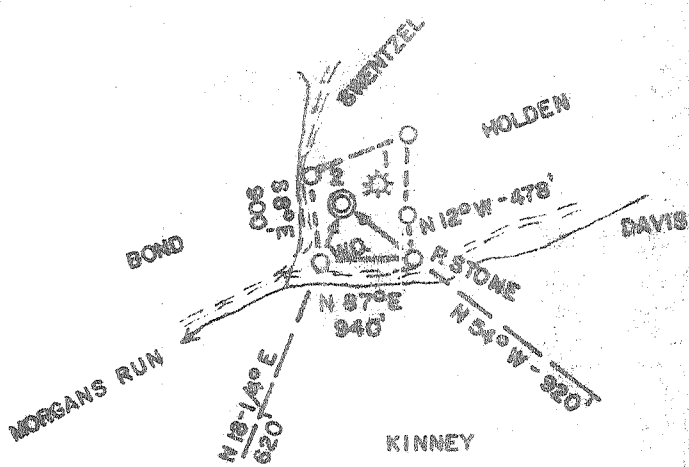
4/2/79

Latitude 39° 20'

11,200' SOUTH
2,650' WEST

1: 47-017-725 REV. -16

Longitude 40'



ACCURACY: 1' / 200'

Source of Elevation MORGANSVILLE (812')

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 regulations of the oil and gas section of the mining laws of West Virginia.

- New Location GAS
- Drill Deeper
- Abandonment
- Fracture
- Redrill

DEVONIAN SHALE-5900'

Company CARL E. SMITH, INC.
 Address SANDYVILLE, WV
 Farm ALVIN A. SWENTZEL (FEE)
 Tract _____ Acres 21-1/4 Lease No. _____
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STATE OF WEST VIRGINIA
 DEPARTMENT OF MINES
 OIL AND GAS DIVISION
 CHARLESTON

WELL LOCATION MAP
 FILE NO. 47-017-2369

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APR 16 1979

5900' Devonian

[08-78]

OIL AND GAS WELL PERMIT APPLICATION

Operator's Well No. #2

API Well No. 47 - 017 - 2369
State County Permit

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

LOCATION: Elevation: 1050' Watershed: Morgans Run
District: Grant County: Doddridge Quadrangle: Smithburg 7.5'
Centerpoint 15'

WELL OPERATOR CARL E. SMITH, INC.
Address P. O. Box 4
Sandyville, WV 25275

DESIGNATED AGENT CARL E. SMITH, INC.
Address P. O. Box 4
Sandyville, WV 25275

OIL & GAS ROYALTY OWNER Alvin A. Swentzel
Address Route 4
West Union, WV 26456

COAL OPERATOR None
Address _____

ACREAGE 21 1/4
SURFACE OWNER Alvin Swentzel
Address Route 4
West Union, WV 26456

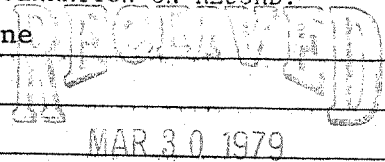
COAL OWNER(S) WITH DECLARATION ON RECORD:
Name Alvin A. Swentzel
Address Route 4
West Union, WV 26456

FIELD SALE (IF MADE) TO:
Name _____
Address _____

Name _____
Address _____

OIL & GAS INSPECTOR TO BE NOTIFIED
Name Paul Garrett
Address 321 Beech Street
Clarksburg, WV 26301
Tel: (304) 622-3871

COAL LESSEE WITH DECLARATION ON RECORD:
Name None
Address _____



OIL & GAS DIVISION
DEPT. OF MINES

The undersigned well operator is entitled to operate for oil or gas purposes at the above location under a deed / lease / other contract / dated December 7, 1960, to the undersigned well operator from Alvin and Marcelene Swentzel

If said deed, lease, or other contract has been recorded:]
Recorded on December 14, 1960, in the office of the Clerk of the County Commission of Doddridge County, West Virginia, in Lease Book 67 at page 43. A permit is requested as follows:

PROPOSED WORK: Drill / 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
10 WASHINGTON STREET EAST
CHARLESTON, WV 25311
TELEPHONE: (304) 348-3092

BLANKET BOND

CARL E. SMITH, INC.
Well Operator
By [Signature]
Its President

PROPOSED WORK ORDER

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

DRILLING CONTRACTOR (IF KNOWN) CARL E. SMITH, INC.

Address P. O. Box 4

Sandyville, WV 25275

GEOLOGICAL TARGET FORMATION, Devonian Shale

Estimated depth of completed well, 5900 feet Rotary / Cable tools /

Approximate water strata depths: Fresh, 300 feet; salt, 2000 feet.

Approximate coal seam depths: None expected Is coal being mined in the area? Yes / No /

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	10 3/4"H40		32.75	X		350	350	200	Kinds
Fresh water									
Coal									Sizes
Intermediate	7"	K55	20	X		2200	2200	50	
Production	4 1/2"K55		10.5	X		5900	5900	250	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 drilling within 200 feet of the proposed well.

A separate Form IV-2 shall not 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 noted as 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 12-2-79

John T. [Signature]
Deputy Director - Oil & Gas Division

The following conditions must be complied with 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.