

12/28/10

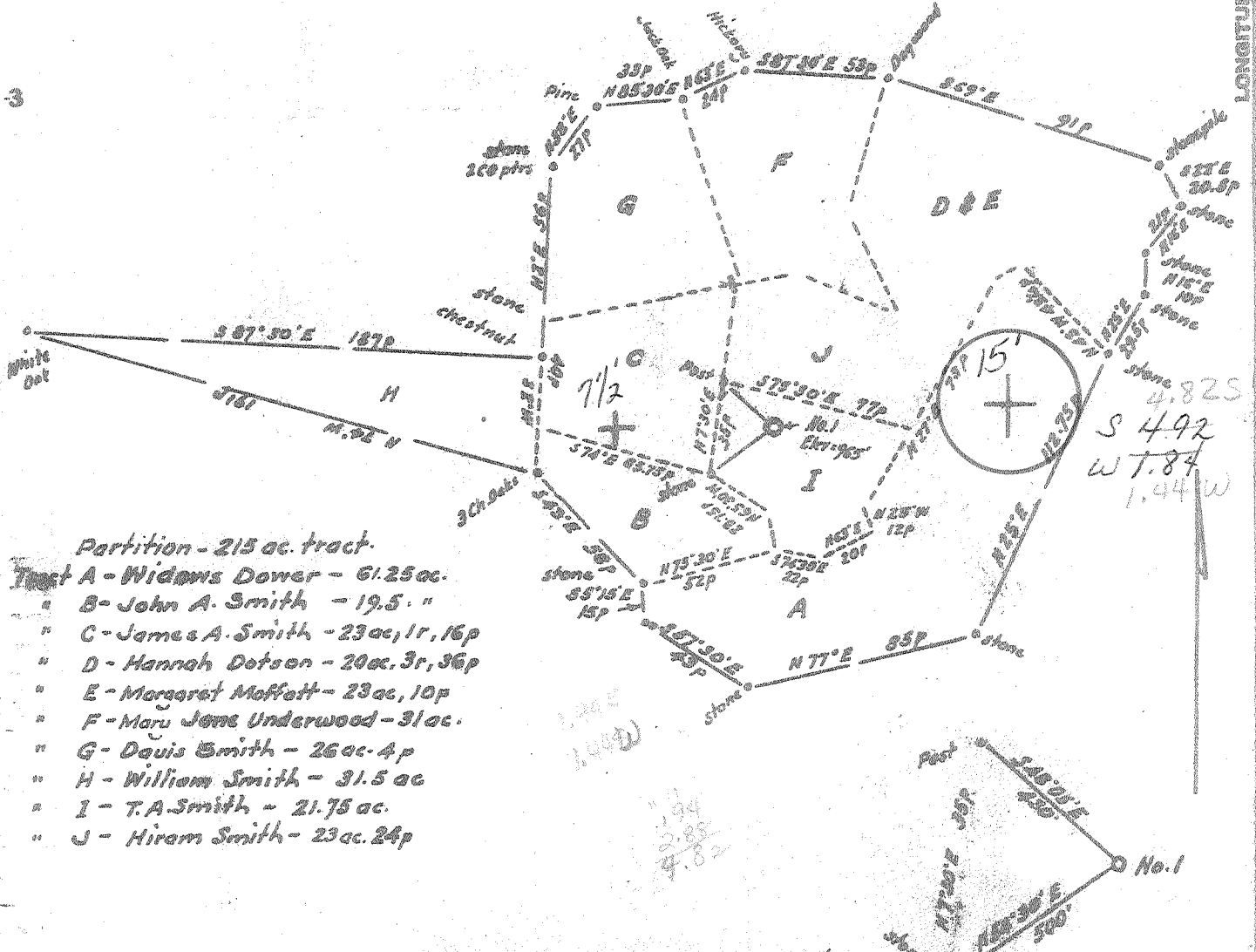
LATITUDE 39° 22' 30"
(15) 39° 25'

LONGITUDE 80° 45'

- Tax Receipt covering 115 ac.
 1 - 26 ac. 56 p
 2 - 20 ac. (3 Tracts)
 3 - 23 ac. 24 p
 4 - 26 ac. 4 p
 5 - 21 ac. 12 p

Note: - This lease covers 115 ac of the Hiram Smith Heirs 215 acre tract.
 Partition Deed recorded in Deed Book 19, page 357'

Note: - Widows Dower divided in 9 tracts



Partition - 215 ac. tract.

- Tract A - Widows Dower - 61.25 ac.
- " B - John A. Smith - 19.5 "
- " C - James A. Smith - 23 ac, 1r, 16p
- " D - Hannah Dotson - 20 ac, 3r, 36p
- " E - Margaret Moffatt - 23 ac, 10p
- " F - Mary Jane Underwood - 31 ac.
- " G - Davis Smith - 26 ac. 4 p
- " H - William Smith - 31.5 ac
- " I - T.A. Smith - 21.75 ac.
- " J - Hiram Smith - 23 ac. 24 p

Minimum Error of Closure 1 in 200'

Source of Elevation 11863 elev. at Nutter Fork Church

1/5 mi SW - 80'

- Fracture
- New Location
- Drill Deeper
- Abandonment 8/3/79

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.

Signed: [Signature]
 Squares: N S E W

Map No.

Company Lauderman Oil & Gas Co.
 Address Paducah City, W. Va.
 Farm Ada Smith, et al.
 Tract _____ Acres 115 Lease No. _____
 Well (Farm) No. one Serial No. _____
 Elevation (Spirit Level) 965
 Quadrangle West Union 15' EC
 County Adair District Grant
 Engineer [Signature]
 Engineer's Registration No. 1227 LLS No 200
 File No. _____ Drawing No. _____
 Date Dec 19, 1976 Scale 1" = 1000'

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

WELL LOCATION MAP
 FILE NO. DOD-1846-P

+ 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.

47-001 AUG 13 1979

7200 Jan 6-0 CENTRAL STATION 91

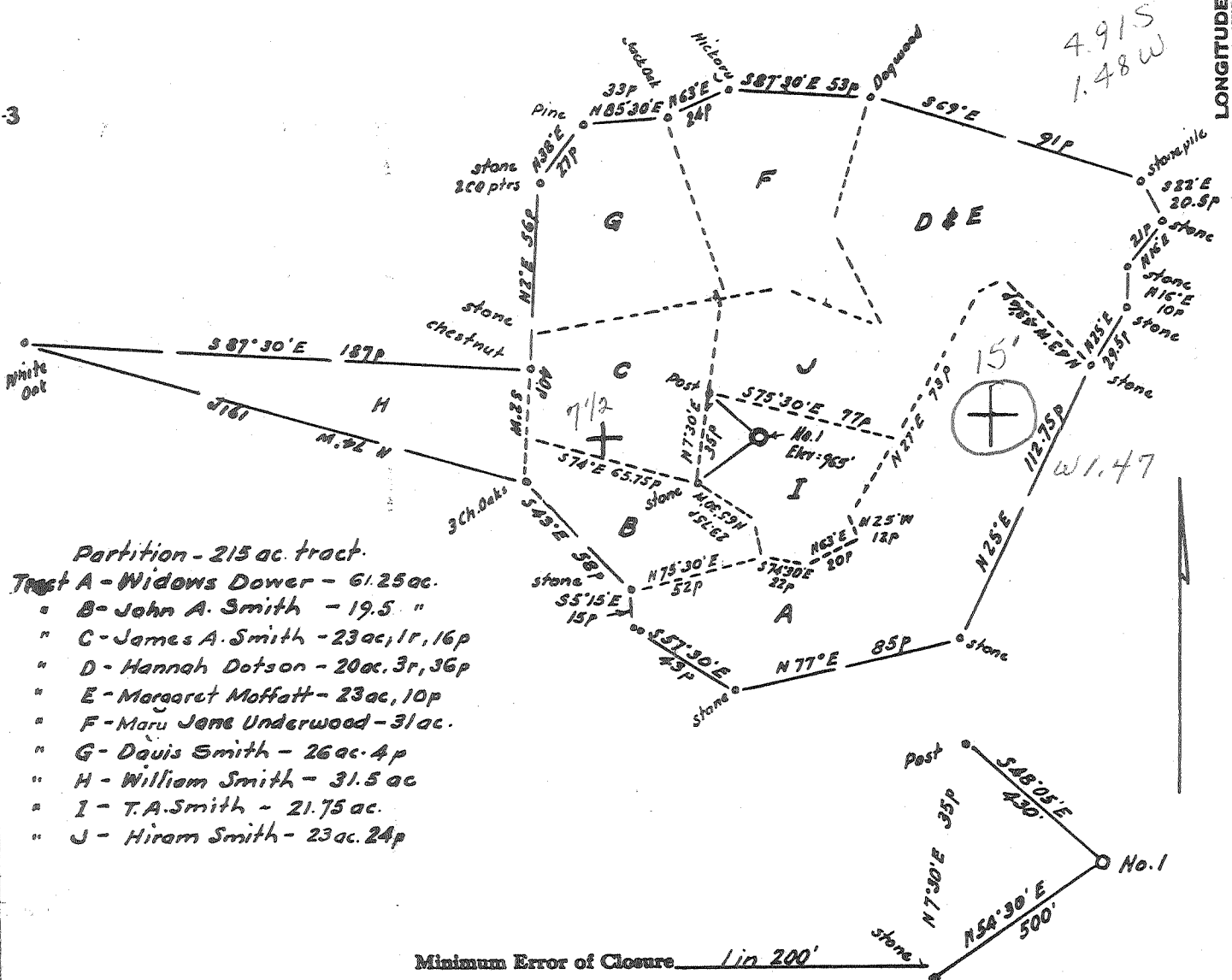
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Minimum Error of Closure 1 in 200'
Source of Elevation USGS elev. at Nutter Fork Church
4/5 mi SW = 801

Fracture
New Location
Drill Deeper
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 6 of the rules and regulations of the oil and gas section of the mining laws of West Virginia.

Signed: [Signature]
Squares: N S E W

Company Lauderman Oil & Gas Co.
Address Paden City, W. Va.
Farm Ada Smith, et al
Tract _____ Acres 115 Lease No. _____
Well (Farm) No. One Serial No. _____
Elevation (Spirit Level) 965
Quadrangle West Union 7 1/2, 15' EC
County Doddridge District Grant
Engineer [Signature]
Engineer's Registration No. 1227 LLS No 200
File No. _____ Drawing No. _____
Date Dec 19, 1976 Scale 1" = 1000'

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

WELL LOCATION MAP
FILE NO. DOD-1846

+ 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.

47-001



STATE OF WEST VIRGINIA
DEPARTMENT OF MINES
Oil and Gas Division
WELL RECORD

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

Quadrangle WEST UNION
Permit No. DOD-1846
47-017

Company Lackeyman Oil & Gas
Address PO Box 266
Farm H.C. Smith Acres 115
Location (waters) Nutter's Fork
Well No. ONE Elev. 965
District Grant County Doddridge
The surface of tract is owned in fee by Ada
Smith et al
Address West Union W. Va.
Mineral rights are owned by same - or H.C. Smith
 heirs Address West Union W. Va.
Drilling Commenced MAY 1976
Drilling Completed Not completed - 3-30-77
Initial open flow _____ cu. ft. _____ bbls.
Final production _____ cu. ft. per day _____ bbls.
Well open _____ hrs. before test _____ RP.
Well treatment details:

| Casing and Tubing | Used in Drilling | Left in Well | Cement fill up Cu. ft. (Sks.) |
|-------------------|------------------|--------------|-------------------------------|
| Size 20-16 | | | |
| Cond. 13-10" | 560 | 560 | To surface |
| 9 5/8 | | | |
| 8 5/8 | 1200 | 1200 | |
| 7 | | | |
| 5 1/2 | | | |
| 4 1/2 | | | |
| 3 | | | |
| 2 | | | |
| Liners Used | | | |

Attach copy of cementing record.

JUL 25 1979

OIL & GAS DIVISION
DEPT. OF MINES

Coal was encountered at _____ Feet _____ Inches
Fresh water _____ Feet _____ Salt Water _____ Feet
Producing Sand _____ Depth _____

| Formation | Color | Hard or Soft | Top Feet | Bottom Feet | Oil, Gas or Water | * Remarks |
|---------------------------|-------|--------------|----------|-------------|-------------------|---|
| Clay | | | 0 | 20 | | |
| Clay Red | | | 20 | 30 | | |
| Slate - Gn | | | 30 | 38 | | |
| Shale Gn | | | 38 | 60 | | |
| Shale - Lime shells | | | 60 | 325 | | |
| Red Rock & Shells | | | 325 | 526 | | |
| Coal | | | 526 | 530 | | |
| Slate & Red Rock | | | 530 | 560 | | |
| 10" casing set | | | 560 | | | annexed to surface |
| Shells - Red Rock & Shale | | | 560 | 6501 | | Set 8 5/8 1200 feet T.D. "MUCH CHUNK" |

(over)

* Indicates Electric Log tops in the remarks section.

AUG 13 1979

[Handwritten signature]



STATE OF WEST VIRGINIA
DEPARTMENT OF MINES

RECEIVED
DEC 28 1976

OIL & GAS DIVISION
DEPT. OF MINES

Oil and Gas Division

OIL AND GAS WELL PERMIT APPLICATION

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

Surface Owner H. C. Smith Heirs
Address RFD, West Union
Mineral Owner Same
Address Same
Coal Owner Same
Address Same
Coal Operator Same
Address Same

DATE December 23, 1976
Company Lauderman Oil & Gas Drilling
Address 129 N.4th Ave, Paden City, W. Va.
Farm T. A. Smith Acres 115
Location (waters) Wolf Pen Run(Nutters Fork)
Well No. One Elevation 965
District Grant County Doddridge
Quadrangle West Union

THIS PERMIT MUST BE POSTED AT THE WELL SITE

All provisions being in accordance with Chapter 22,
the W. Va. Code, the location is hereby approved
drilling. This permit shall expire if
operations have not commenced by 4-28-77

INSPECTOR Paul Garrett
TO BE NOTIFIED
ADDRESS Clarksburg, W.Va.
PHONE 622-3871

Robert L. [Signature]
Deputy Director - Oil & Gas Division

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 Sept 3, 1976 by H. C Smith,
Francis Peters, Louri Smith To Lauderman Oil & Gas made to and recorded on the 16 day of November 76
1976, in Doddridge County, Book 102 Page 97

XX NEW WELL _____ DRILL DEEPER _____ REDRILL _____ FRACTURE OR STIMULATE
_____ OIL AND GAS WELL ORIGINALLY DRILLED BEFORE JUNE 5, 1969.

Ralph McKinney and Dorthy Smith

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 December 23, 1976 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

Very truly yours,
(Sign Name) [Signature]
Well Operator
Address 129 N.4th Ave, Paden City,
Street
West Virginia 26159
City or Town
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.

DOD-1846 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."

47-017

Signed by _____
PERMIT FILED

THIS IS AN ESTIMATE ONLY
ACTUAL INFORMATION WILL BE SUBMITTED ON OG-10 UPON COMPLETION

PROPOSED WORK ORDER TO ~~DRILL~~ DRILL _____ DEEPEN _____ FRACTURE-STIMULATE _____
 DRILLING CONTRACTOR: (If Known) _____ RESPONSIBLE AGENT: _____
 NAME Lauderson Oil & Gas Drlg. _____ NAME Phillip Morgan _____
 ADDRESS 129 N. 4th Ave. Paden City, W. Va. _____ ADDRESS 129 N. 4th Ave. Paden City, W. Va. _____
 TELEPHONE 337 2215 _____ TELEPHONE 337 2215 _____
 ESTIMATED DEPTH OF COMPLETED WELL: 2200 _____ ROTARY _____ CABLE TOOLS XXXX _____
 PROPOSED GEOLOGICAL FORMATION: Big Injun _____
 TYPE OF WELL: OIL _____ GAS _____ COMB. XYXY _____ 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 | | | |
| 9 - 5/8 | 590 | | |
| 8 - 5/8 | 1100 | | |
| 7 | 1800 | | |
| 5 1/2 | | | |
| 4 1/2 | Cemented Thru Pay If A Well Approximately 2100 | | |
| 3 | | | Perf. Top |
| 2 | | | Perf. Bottom |
| Liners | | | Perf. Top |
| | | | Perf. Bottom |

APPROXIMATE FRESH WATER DEPTHS 150 FEET _____ SALT WATER _____ FEET _____
 APPROXIMATE COAL DEPTHS 520 _____
 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

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

RECEIVED

JUN - 0 1980

AFFIDAVIT OF PLUGGING AND FILLING WELL

AFFIDAVIT SHOULD BE MADE IN TRIPPLICATE, ONE COPY MAILED TO THE DEPARTMENT, 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.

OIL & GAS DIVISION
DEPT. OF MINES

H.C. Smith
COAL OPERATOR OR OWNER
RFD West Union
ADDRESS
Same
COAL OPERATOR OR OWNER
ADDRESS
Same
LEASE OR PROPERTY OWNER
ADDRESS

Frederick Oil & Gas
NAME OF WELL OPERATOR
PO-Box 166, Padon City, W. Va.
COMPLETE ADDRESS
3-3-70 19__
WELL AND LOCATION
Mount District
Knobloche County
Well No. 1
H.C. Smith Hill Farm

STATE INSPECTOR SUPERVISING PLUGGING Wendy Garrett

AFFIDAVIT

STATE OF WEST VIRGINIA,
County of Knobloche } SS:

James A. Remmer and R.E. Weber
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 Frederick Oil & Gas, well operator, and participated in the work of plugging and filling the above well, that said work was commenced on the 12 day of Oct, 1979, and that the well was plugged and filled in the following manner:

| SAND OR ZONE RECORD FORMATION | FILLING MATERIAL | PLUGS USED SIZE & KIND | CASING | |
|----------------------------------|---|---------------------------|-------------|-------------|
| | | | CBS PULLED | CBS LEFT IN |
| <u>T.D</u> | <u>1501</u> | | | |
| <u>1501 - 1260</u> | <u>Cemented 2 3/4 Tring 2 Tools</u> | <u>8 3/4</u> | | |
| <u>1260 - 1160</u> | <u>Cement Plug</u> | | | |
| <u>1160 - 560</u> | <u>Red Clay</u> | | | |
| <u>560 - 460</u> | <u>45 Bags Cement</u> | | | |
| <u>460 - 20</u> | <u>Red Clay</u> | | | |
| <u>20 - 0</u> | <u>Cemented with length of 7" O.D EXT 37' inches above ground level</u> | | <u>840'</u> | <u>300'</u> |
| COAL SEAMS | DESCRIPTION OF MONUMENT | | | |
| (NAME) | <u>Monument 37" above</u> | | | |
| (NAME) | <u>ground with PINNAC</u> | | | |
| (NAME) | <u>Well name & Permit No in accordance</u> | | | |
| (NAME) | <u>with 2.10 of Regulations</u> | | | |

and that the work of plugging and filling said well was completed on the 1 day of May, 1980

And further deponents saith not.

James A. Remmer
R.E. Weber

Sworn to and subscribed before me this 1 day of May, 1980

My commission expires:
Oct 20, 1985

W. Kelly Moran
Notary Public.

Permit No. _____

017-1846