

FILE NO. 81-1143

DRAWING NO. _____

SCALE 1" = 500'

MINIMUM DEGREE OF ACCURACY _____

PROVEN SOURCE OF ELEVATION ROAD INTERSECTION = 817'

I THE UNDERSIGNED, HEREBY CERTIFY THAT THIS PLAT IS CORRECT TO THE BEST OF MY KNOWLEDGE AND BELIEF AND SHOWS ALL THE INFORMATION REQUIRED BY LAW AND THE REGULATIONS ISSUED AND PRESCRIBED BY THE DEPARTMENT OF MINES.

(SIGNED) _____

R.P.E. _____ L.L.S. _____

PLACE SEAL HERE

(+) DENOTES LOCATION OF WELL ON UNITED STATES TOPOGRAPHIC MAPS

FORM IV-6 (8-78)



DATE _____, 19__

OPERATOR'S WELL NO. 511201

API WELL NO. 47-095-0969

STATE COUNTY PERMIT

STATE OF WEST VIRGINIA
DEPARTMENT OF MINES
OIL AND GAS DIVISION

WELL TYPE: OIL GAS LIQUID INJECTION WASTE DISPOSAL

(IF "GAS,") PRODUCTION STORAGE DEEP SHALLOW

LOCATION: ELEVATION 793' WATER SHED BADGER RUN

DISTRICT LINCOLN COUNTY TYLER COUNTY

QUADRANGLE PADEN CITY New Martinsville (S) SW

SURFACE OWNER FOLGER ACREAGE 24 ACRES

OIL & GAS ROYALTY OWNER FOLGER et al. LEASE ACREAGE 24 ACRES

LEASE NO. _____

PROPOSED WORK: DRILL CONVERT DRILL DEEPER REDRILL FRACTURE OR STIMULATE PLUG OFF OLD FORMATION PERFORATE NEW FORMATION OTHER PHYSICAL CHANGE IN WELL (SPECIFY) _____

PLUG AND ABANDON CLEAN OUT AND REPLUG

TARGET FORMATION HAMPSHIRE FORMATION ESTIMATED DEPTH 4200'

WELL OPERATOR FREDERICK PETROLEUM DESIGNATED AGENT JAMES F. DOAN

ADDRESS RT. #1 MARIETTA, OHIO ADDRESS P.O. BOX 31 MIDDLEBOURNE, W.V.

DEC 23 1981



Well No. FOLGER #1
Farm Burl A. Folger
API # 17-095-0969
Date 11/30/81

STATE OF WEST VIRGINIA
OFFICE OF OIL AND GAS - DEPARTMENT OF MINES

OIL AND GAS WELL PERMIT APPLICATION

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

LOCATION: Elevation: 793 Watershed: Badger Run
District: Lincoln County: Tyler Quadrangle: Paden City

WELL OPERATOR FREDERICK PETROLEUM
Address Rt. 1
Marietta, Ohio 45750

DESIGNATED AGENT JAMES F. DOAN
Address P. O. Box 31
Middlebourne, WV 26149

OIL AND GAS
ROYALTY OWNER Burl A. Folger
Address Rt. #2 Box 128
Sistersville, WV 26175
Acreage 24

COAL OPERATOR
Address

SURFACE OWNER Burl A. Folger
Address Rt. #2 Box 128
Sistersville, WV 26175
Acreage 24

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

FIELD SALE (IF MADE) TO:
NAME
Address

COAL LESSEE WITH DECLARATION ON RECORD:
NAME
Address

OIL AND GAS INSPECTOR TO BE NOTIFIED:
NAME Phillip Tracey
Address Alma, WV
Telephone 758-4573

RECEIVED
DEC 7 1981
OIL AND GAS DIVISION
WV DEPARTMENT 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 xxx / dated Oct. 19, 1981, to the undersigned well operator from James F. Doan.

(If well is being drilled under another contract has been received)

Recorded on October 22, 1981, in the office of the Clerk of County Commission of Tyler County, West Virginia, in 234 Book at page 222. A permit is granted as follows:

PERMITTED WORK: Drill xxx / Drill Deeper / Redrill / Fracture or acid to date
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 changes 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 receipt of this Application by the Department. 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 lessees on or before the day of the mailing or delivery of this Application to the Department of Mines at Charleston, West Virginia.

PLEASE SUBMIT COPIES OF ALL
PHYSICAL LOGS DIRECTLY TO:
WEST VIRGINIA OIL AND GAS
COMMISSION
1015 WASHINGTON ST., E.
CHARLESTON, WV 25311
Telephone: 304/348-3092

BLANKET BOND

Well Operator
By: _____
Its: _____

(Revised 3-81)

PROPOSED WORK ORDER

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

DRILLING CONTRACTOR (IF KNOWN) _____

Address _____

GEOLOGICAL TARGET FORMATION

Estimated depth of completed well Shale 4,200 feet. Rotary xxx / Cable tools /
Approximate water strata depths: Fresh, feet; salt, feet.
Approximate coal seam depths:
Is coal being mined in this area: Yes / No xxx /

CASING AND TUBING PROGRAM

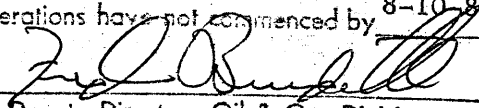
CASING OR TUBING TYPE	SPECIFICATIONS				FOOTAGE INTERVALS		CEMENT FILL-UP OR SACKS Cubic ft.	PACKERS
	Size	Grade	Weight per ft	New	Used	For Drill-ling		
Conductor								Kinds
Fresh water	8-5/8					1000	1000	To Surface
Coal								Sizes
Intermed.								
Production Tubing	4-1/2					4300	4500	440 cement
Liners								or as reqd. by rule 15.01
								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 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 8-10-82.


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 regularions.

Date: , 19 .

By: _____

Its: _____