

PREPARED BY DAVIS ASSOCIATES, CLARKSBURG, WV

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) Stephen D. Losh L.L.S. 674

R.P.E. _____ L.L.S. 674

FILE NO. _____

DRAWING NO. _____

SCALE 1" = 200'

MINIMUM DEGREE OF ACCURACY 1/4 in 200

PROVEN SOURCE OF ELEVATION EXISTING WELL NO. _____

873 ELEV. - 938'

STATE OF WEST VIRGINIA
DEPARTMENT OF MINES
OIL AND GAS DIVISION

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

WELL TYPE: OIL GAS LIQUID INJECTION WASTE DISPOSAL
(IF "GAS,") PRODUCTION STORAGE DEEP SHALLOW

LOCATION: ELEVATION 1363' WATER SHED LYNN CAMP RUN
DISTRICT McCLELLAN COUNTY DODDRIDGE

SURFACE OWNER VIRGIL D. HERROD ACREAGE 16.50
OIL & GAS ROYALTY OWNER NINA OLETA WOLFE, et al., et al. LEASE ACREAGE 57.50

LEASE NO. 49-0171-A thru AB

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 BENSON ESTIMATED DEPTH 5400'

WELL OPERATOR SWIFT EMERY COMPANY DESIGNATED AGENT TIM BENNETT
ADDRESS P.O. BOX 2201 CLARKSBURG, WV 26301

STATE OF WEST VIRGINIA
LAND SURVEYOR
STEPHEN D. LOSH
LICENSED
No. 674
PLACE SEAL HERE

STATE OF WEST VIRGINIA
DEPARTMENT OF MINES
OIL AND GAS DIVISION

DATE OCTOBER 18, 19 82
OPERATOR'S WELL NO. WOLFE NO. 2
API WELL NO. 47-017 - 3179
STATE COUNTY PERMIT
CANCELED

STATE OF WEST VIRGINIA
DEPARTMENT OF MINES
OIL AND GAS DIVISION

PLUG AND ABANDON CLEAN OUT AND REPLUG _____
TARGET FORMATION BENSON ESTIMATED DEPTH 5400'

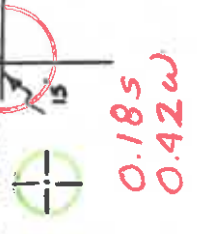
WELL OPERATOR SWIFT EMERY COMPANY DESIGNATED AGENT TIM BENNETT
ADDRESS P.O. BOX 2201 CLARKSBURG, WV 26301

APR 23 1984

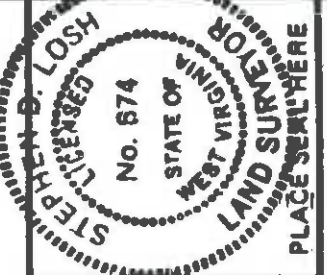
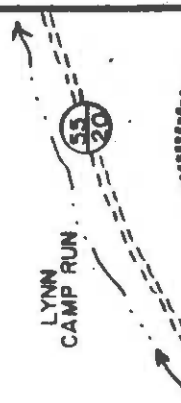
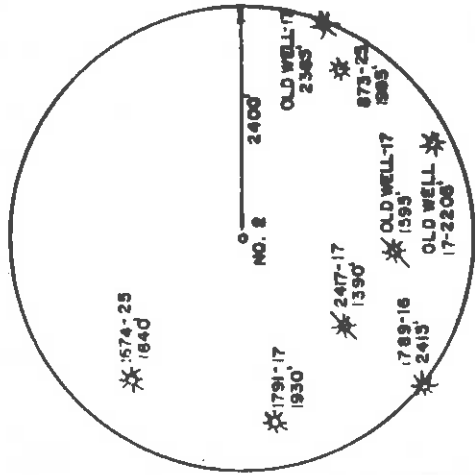
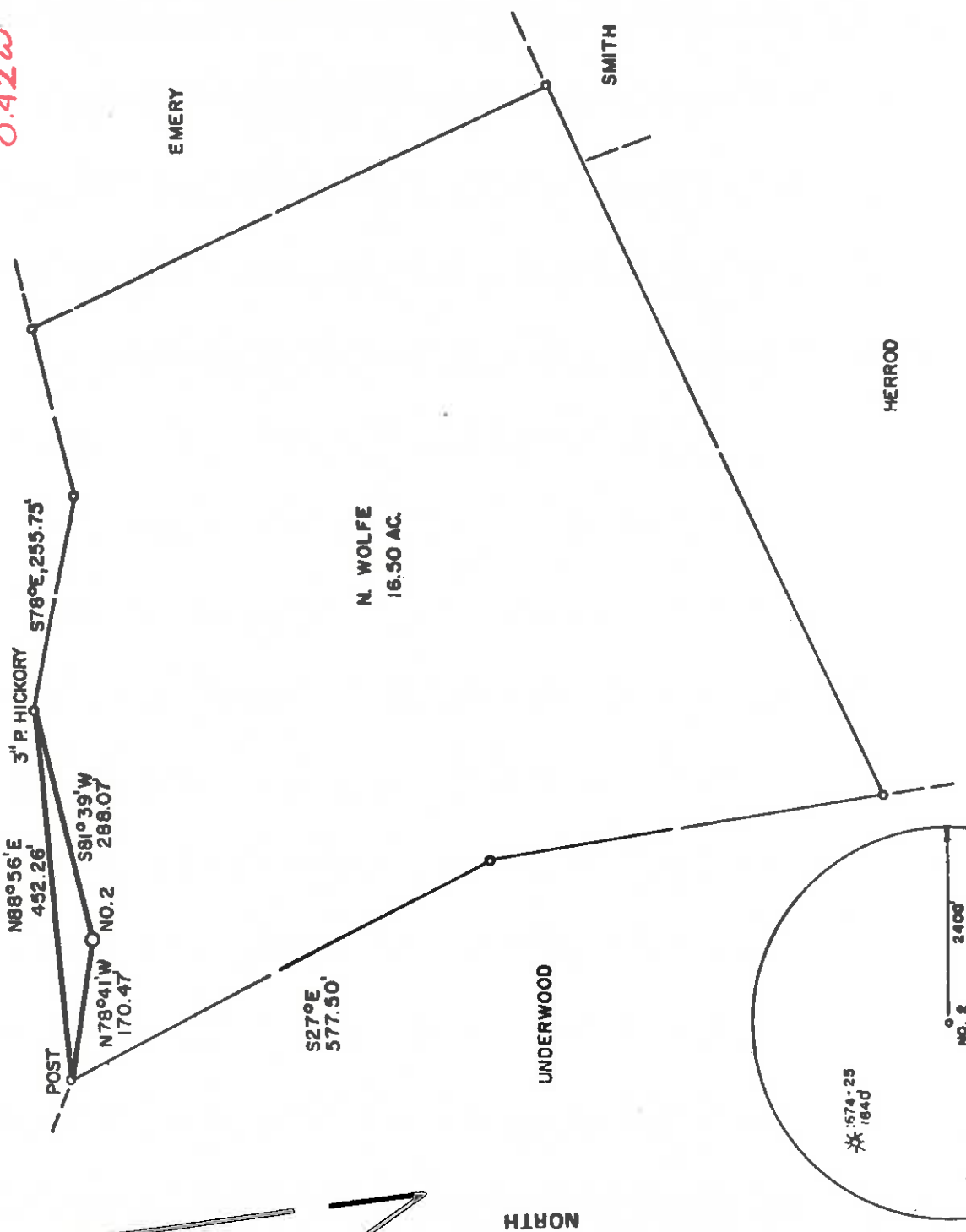
M.H. 4/17/82

Plot Card CSD-1

2129
39° 20' 00" LATITUDE
80° 35' 00" LONGITUDE



0.185
0.42w



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(SIGNED) Stephen D. Losh
R.P.E. _____ L.L.S. - 674

STATE OF WEST VIRGINIA
DEPARTMENT OF MINES
OIL AND GAS DIVISION



DATE OCTOBER 18, 19 82
OPERATOR'S WELL NO. WOLFE NO. 2
API WELL NO. _____
47-017 STATE WV COUNTY _____ PERMIT _____

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

WELL TYPE: OIL GAS LIQUID INJECTION WASTE DISPOSAL
(IF "GAS") PRODUCTION STORAGE DEEP SHALLOW

LOCATION: ELEVATION 1363' WATER SHED LYNNE CAMP RUN

DISTRICT McCLELLAN COUNTY DODDRIEGE

QUADRANGLE SALEM 75 mb Center point 157 50
SURFACE OWNER VIRGINIA D. HERROD ACREAGE 16.50

OIL & GAS ROYALTY OWNER MMA OLETA WOLFE, et al. LEASE ACREAGE 57.50
LEASE NO. 48-0171-A-1000 AB

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 BEASON ESTIMATED DEPTH 5400'
WELL OPERATOR SWIFT EMERY COMPANY DESIGNATED AGENT TIM BENNETT

NOV 8 1982



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

DRILLING CONTRACTOR:

4) WELL TYPE: A Oil Gas B (If "Gas", Production Underground storage Deep Shallow

5) LOCATION: Elevation: _____ Watershed: Lynn Camp Run County: _____ State: _____ Permit No. 47

6) WELL OPERATOR: _____ District: _____ County: _____ State: _____

7) OIL & GAS ROYALTY OWNER: _____ Address: _____

8) SURFACE OWNER: _____ Address: _____

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

10) OIL & GAS INSPECTOR TO BE NOTIFIED: _____ Address: _____

15) PROPOSED WORK: Drill Drill deeper Redrill Fracture or stimulate Plug off old formation Perforate new formation Other physical change in well (specify) Oct. 1982

16) GEOLOGICAL TARGET FORMATION, _____
17) Estimated depth of completed well, _____ feet
18) Approximate water strata depths: Fresh, _____ feet; salt, _____ feet.
19) Approximate coal seam depths: _____ Is coal being mined in the area? Yes No

20) 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	Left in well		
Conductor	10 1/8					30		
Fresh water								
Coal	5 7/8					1300		
Intermediate	4 1/2					4700		
Production								
Tubing								
Liners								

21) EXTRACTION RIGHTS
Check and provide one of the following:
 Included in the lease or leases or other continuing contract or contracts by which I hold the right to extract oil or gas.
 The requirement of Code 22-4-1-(c) (1) through (4). (See reverse side for specifics.)

22) ROYALTY PROVISIONS
Is the right to extract, produce or market the oil or gas based upon a lease or other continuing contract or contracts providing for flat well royalty or any similar provision for compensation to the owner of the oil or gas in place which is not inherently related to the volume of oil or gas so extracted, produced or marketed? Yes No

23) Required Copies (See reverse side.)
24) Copies of this Permit Application and the enclosed 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.

Notary: _____ Signed: _____
My Commission Expires: 8-15-80 Its: _____

OFFICE USE ONLY
DRILLING PERMIT

Permit number: _____ Date: _____

This permit covering the well operator and well location shown below is evidence of permission granted to drill in accordance with the pertinent legal requirements subject to the conditions contained herein and on the reverse hereof. Notification must be given to the District Oil and Gas Inspector. (Refer to No. 10) Prior to the construction of roads, locations and pits for any permitted work. In addition, the well operator or his contractor shall notify the proper district oil and gas inspector 24 hours before actual permitted work has commenced.)

Permit expires _____ unless drilling is commenced prior to that date and prosecuted with due diligence.
Bond: _____ Agent: _____ Plat: _____ Casing: _____ Fee: _____
Adminstrator, Office of Oil and Gas

NOTE: Keep one copy of this permit posted at the drilling location.

Line Item Explanation

- 1) Date of Application
- 2) Your well name and number
- 3) To be filled out by office of oil & gas
- 4A) "Oil" means natural crude oil or petroleum and other hydrocarbons, regardless of gravity, which are produced at the well in liquid form by ordinary production methods and which are not the result of condensation of gas after it leaves underground reservoirs; "Gas" means all natural gas and all other fluid hydrocarbons not defined as oil.
- 4B) "Shallow well" means any well drilled and completed in a formation above the top of the uppermost member of the "Onondaga Group" or a depth less than six thousand feet, whichever is shallower.
"Deep well" means any well drilled and completed in a formation at or below the top of the uppermost member of the "Onondaga Group" or at a depth less than six thousand feet, whatever is shallower.
- 5) Where well is located
- 6) Before a permit can be issued in a corporation, company partnership, or fictitious name, the name must be registered with the Secretary of State Office
- 7) Use separate sheet if necessary
- 8) Present surface owner at time application is filed.
- 9) Optional
- 11) See Reg. 7.01 relating to code §22-4-1k
- 12) "Coal Operator" means any persons, firm, partnership, partnership association or corporation that proposes to or does operate a coal mine. See Note 24
- 13 & 14) As per §22-4-20; See Note 24
- 15) Work that will be attempted—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.
- 16) Anticipated formation for which well will be completed
- 17) Self explanatory
- 18) Depth to deepest freshwater, and shallowest salt water, taken from nearby wells corrected for differences in elevation
- 19) All coal seam depths
- 20) Proposed casing program and cementing refer to Code 22-4-5, 22-4-6, 22-4-7, 22-4-8, 22-4-8a, 22-4-8a Reg 9.01, 15.01, 15.02, 15.03, 15.04, 25.01, 25.02, 25.03, 25.04
- 21) Code 22-4-11(c) - In lieu of filing the lease or leases or other continuing contract or contracts, the applicant for a permit described herein may file the following:
 - (1) A brief description of the tract of land including the district and county wherein the tract is located;
 - (2) The identification of all parties to all leases or other continuing contractual agreements by which the right to extract, produce or market the oil or gas is claimed;
 - (3) The book and page number wherein each such lease or contract by which the right to extract, produce or market the oil or gas is recorded;
 - (4) A brief description of the royalty provisions of each such lease or contract.
- 22) Code 22-4-11(d) and 22-4-11(e).
- 23) 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.
- 24) **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.**

.....
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.

WAIVER

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 _____