

LATITUDE 39° 17' 30"

9300 SOUTH
1350' WEST

V. SMIRNOW ASSOC.
T.M. 19-39
170.8 AC.

H. SPURLOCK
T.M. 20-36
79.75 AC.

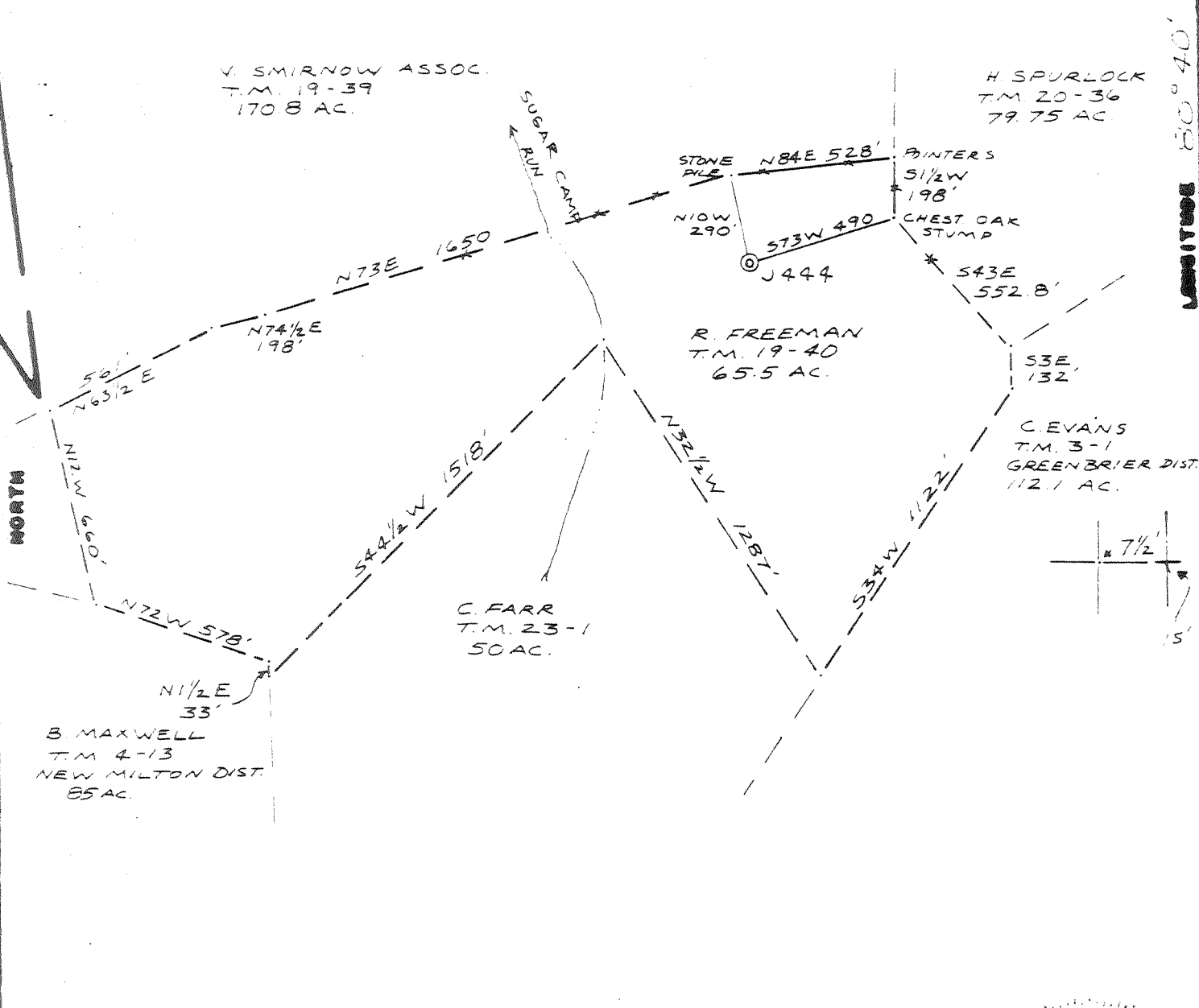
STONE PILE N84E 528'
N10W 290'
573W 490'
J444
PRINTERS 51 1/2 W 198'
CHEST OAK STUMP
S43E 552.8'

R. FREEMAN
T.M. 19-40
65.5 AC.

C. EVANS
T.M. 3-1
GREENBRIER DIST.
112.1 AC.

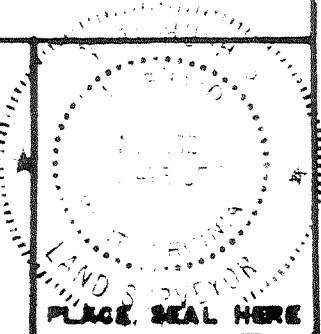
C. FARR
T.M. 23-1
50 AC.

B. MAXWELL
T.M. 4-13
NEW MILTON DIST.
85 AC.



FILE NO. M452
DRAWING NO. 1
SCALE 1" = 500'
MINIMUM DEGREE OF ACCURACY 1/200
PROVEN SOURCE OF ELEVATION KNOB 1336'

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) Neal Hughes
R.P.E. _____ L.L.S. 632



(+) DENOTES LOCATION OF WELL ON UNITED STATES TOPOGRAPHIC MAPS
FORM IV-6
(8-78)



DATE JAN 12, 1981
OPERATOR'S WELL NO J444
API WELL NO. 47-017-2975
STATE COUNTY PERMIT

STATE OF WEST VIRGINIA
DEPARTMENT OF MINES
OIL AND GAS DIVISION

CANCELLED

WELL TYPE: OIL GAS LIQUID INJECTION _____ WASTE DISPOSAL _____
(IF "GAS", PRODUCTION _____ STORAGE _____ DEEP _____ SHALLOW _____)
LOCATION: ELEVATION 1205' WATER SHED BUCKEYE CREEK
DISTRICT GRANT COUNTY DODDRIDGE
QUADRANGLE SMITHBURG 7 1/2' 2P 15'
SURFACE OWNER RAYMOND FREEMAN ACREAGE 65.5
OIL & GAS ROYALTY OWNER ED ORR 1/2 LEASE ACREAGE 65.5
LEASE NO. M452
PROPOSED WORK: DRILL CONVERT _____ DRILL DEEPER _____ REDRILL _____ FRACTURE OR STIMULATE PLUS OFF OLD FORMATION _____ PERFORATE NEW FORMATION _____ OTHER PHYSICAL CHANGE IN WELL (SPECIFY) _____

PLUS AND ABANDON _____ CLEAN OUT AND REPLUG _____
TARGET FORMATION Alexander ESTIMATED DEPTH 5450
WELL OPERATOR J.T. Enterprises DESIGNATED AGENT H.L. Barrett
ADDRESS P.O. Box 48 ADDRESS P.O. Box 48
Buckhannon WV Buckhannon WV

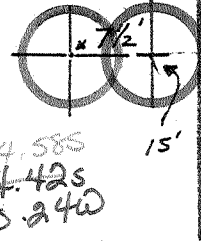
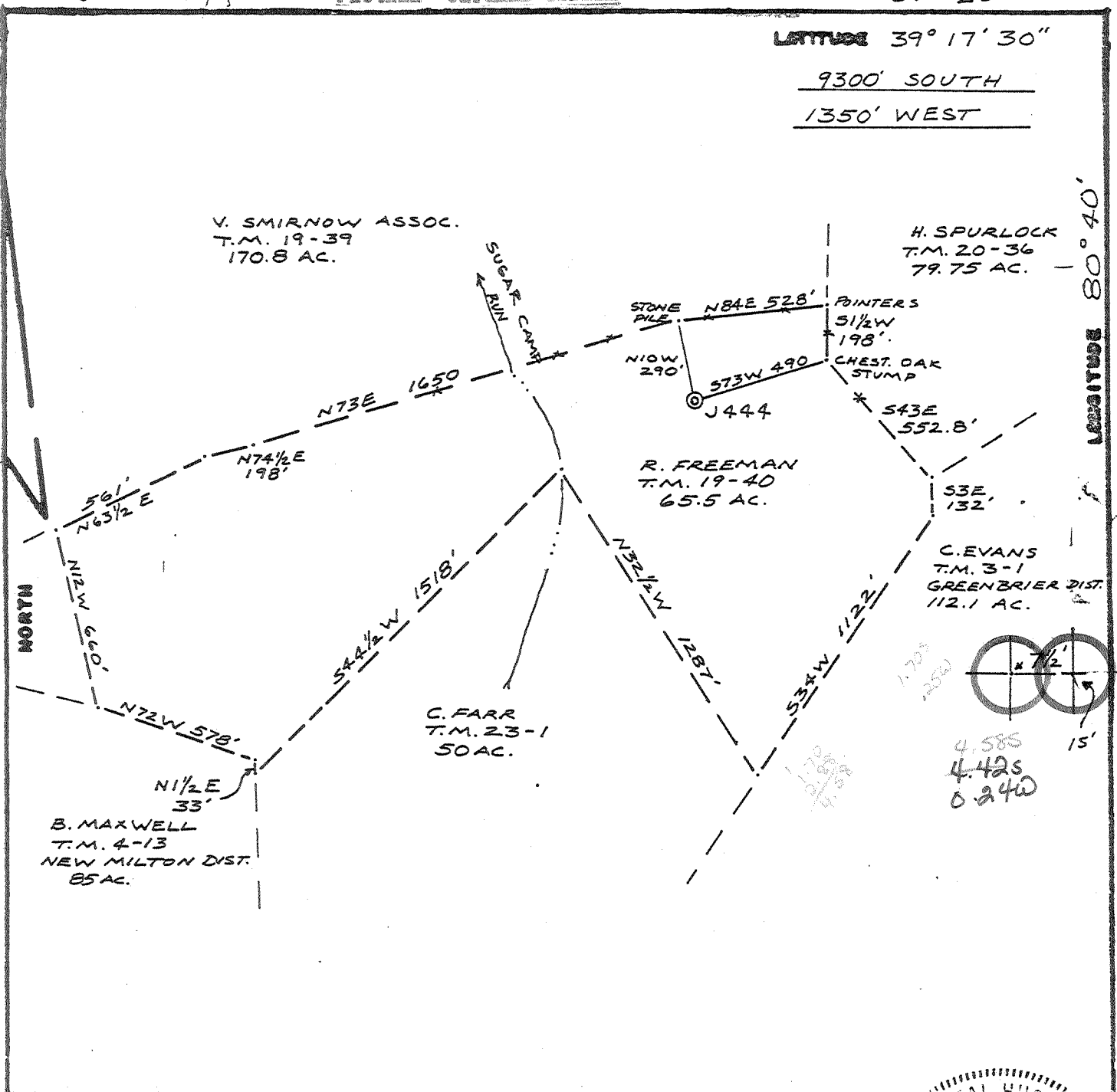
MAY 21 1984

LATITUDE 39° 17' 30"

9300' SOUTH

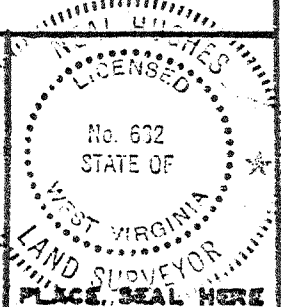
1350' WEST

LONGITUDE 80° 40'



FILE NO. M452
DRAWING NO. 1
SCALE 1" = 500'
MINIMUM DEGREE OF ACCURACY 1/200
PROVEN SOURCE OF ELEVATION KNOB 1336'

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(SIGNED) Neal Hughes
R.P.E. _____ L.L.S. 632



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FORM IV-6
(8-78)



DATE JAN 12, 19 81
OPERATOR'S WELL NO J444
API WELL NO. 47-017-2975
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 1205' WATER SHED BUCKEYE CREEK
DISTRICT GRANT COUNTY DODDRIDGE
QUADRANGLE SMITHBURG 7 1/2' RP 151 SW
SURFACE OWNER RAYMOND FREEMAN ACREAGE 65.5
OIL & GAS ROYALTY OWNER ED ORR 1/2 LEASE ACREAGE 65.5
LEASE NO. M452
PROPOSED WORK: DRILL CONVERT _____ DRILL DEEPER _____ REDRILL _____ FRACTURE OR STIMULATE PLUS OFF OLD FORMATION _____ PERFORATE NEW FORMATION _____ OTHER PHYSICAL CHANGE IN WELL (SPECIFY) _____
PLUS AND ABANDON _____ CLEAN OUT AND REPLUS _____
TARGET FORMATION Alexander ESTIMATED DEPTH 5450
WELL OPERATOR J.F. Edwards DESIGNATED AGENT W.L. Barrett
ADDRESS P.O. Box 18 ADDRESS P.O. Box 18
Buckhannon, WV Buckhannon, WV

[08-78]

OIL AND GAS WELL PERMIT APPLICATION

Operator's Well No. J-444

API Well No. 47 - 017 2975
State County Perm

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

LOCATION: Elevation: 1205 Watershed: Buckeye Creek
District: Grant County: Doddridge Quadrangle: Smithburg 7.5'

WELL OPERATOR J & J Enterprises, Inc.
Address Box 48
Buckhannon, WV 26201

DESIGNATED AGENT H.L. Barnett
Address Box 48
Buckhannon, WV 26201

OIL & GAS ROYALTY OWNER Ed Orr
Address P.O. Box 624
Tampa, Fla.

COAL OPERATOR None
Address

ACREAGE 65.5
SURFACE OWNER Raymond Freeman
Address 733 E. Milrose Circle
Ft. Lauderdale, Fla. 33312
ACREAGE 65.5

COAL OWNER(S) WITH DECLARATION ON RECORD:
Name W. Guy Tetrick
Address Prunty Building
Clarksburg, WV 26301

FIELD SALE (IF MADE) TO:
Name
Address

Name
Address

OIL & GAS INSPECTOR TO BE NOTIFIED
Name Stephen Casey
Address Rt. # 2, Box 232-D
Jane LEW, WV 26378

COAL LESSEE WITH DECLARATION ON RECORD:
Name None
Address

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 8-31, 1979, to the undersigned well operator from Clarence W. Mutschelknaus

[If said deed, lease, or other contract has been recorded:]
Recorded on 9-10, 1979, in the office of the Clerk of the County Commission of Doddridge County, West Virginia, in Lease Book 112 at page 128. 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 GEOPHYSICAL LOGS DIRECTLY TO:
WEST VIRGINIA OIL AND GAS CONSERVATION COMMISSION
1616 WASHINGTON STREET EAST
CHARLESTON, WV 25311
TELEPHONE: (304) 540-3000

BLANKET BOND

J & J Enterprises, Inc.
Well Operator

By [Signature]

PROPOSED WORK ORDER

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

DRILLING CONTRACTOR (IF KNOWN) S.W. Jack Drilling Company
Address Box 48
Buckhannon, WV 26201

GEOLOGICAL TARGET FORMATION, Alexander

Estimated depth of completed well, 5450 feet Rotary x / Cable tools /

Approximate water strata depths: Fresh, 90 feet; salt, None feet.

Approximate coal seam depths: 650 Is coal being mined in the area? Yes No x

CASING AND TUBING PROGRAM

Table with columns: CASING OR TUBING TYPE, SPECIFICATIONS (Size, Grade, Weight, New, Used), FOOTAGE INTERVALS (For drilling, Left in well), CEMENT FILL-UP OR SACKS (Cubic feet), PACKERS (Kinds, Sizes, Depths set, 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 § 22-4-2a 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 IS TO 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 10-18-81

Deputy Director - Oil & Gas Division

The following notice must be posted 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:

TA 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