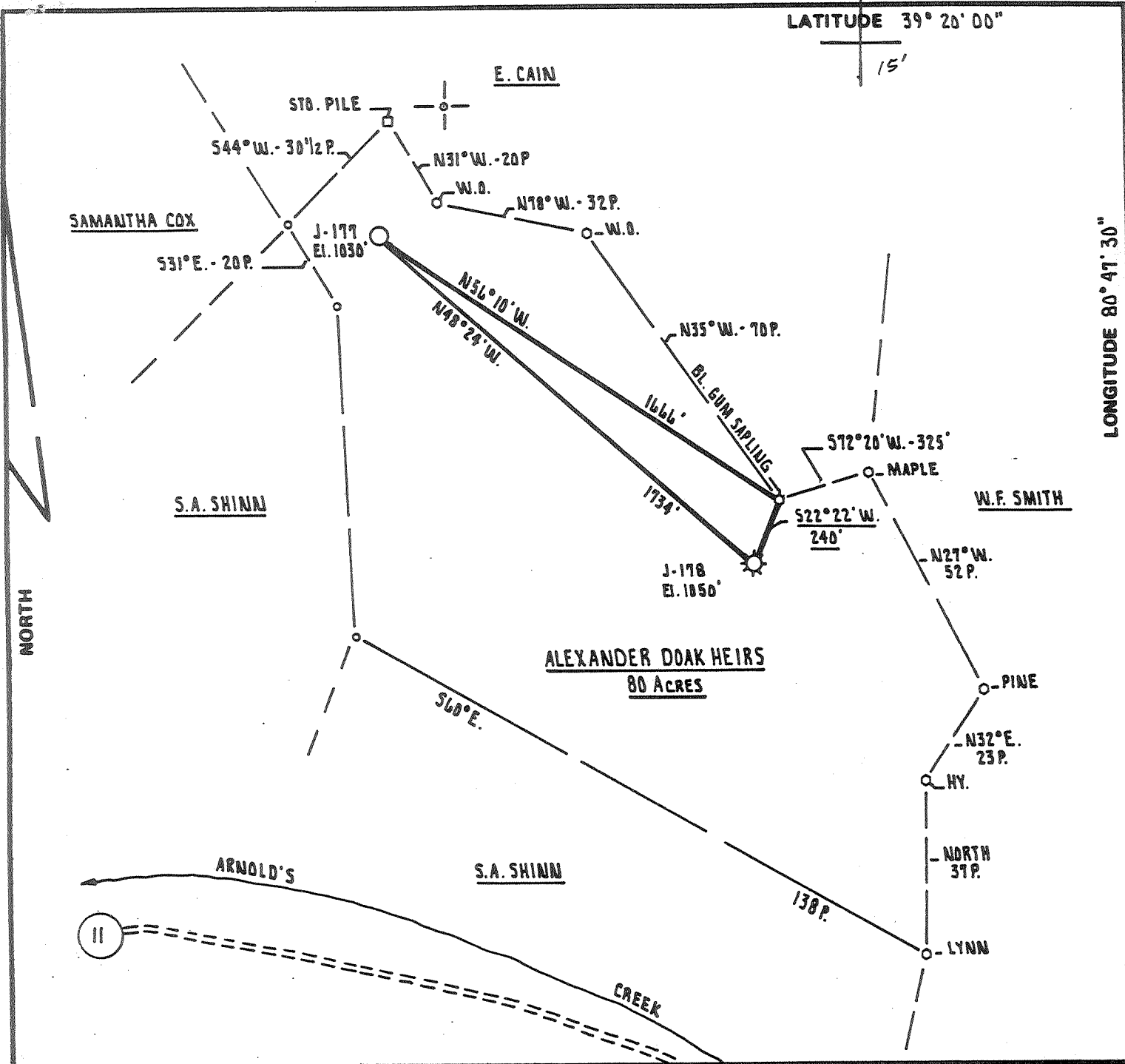


9450

LATITUDE 39° 20' 00"

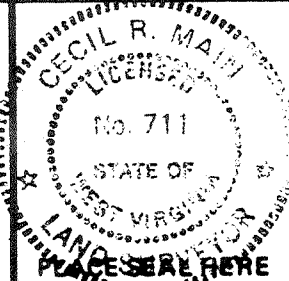
15'

LONGITUDE 80° 47' 30"



FILE NO. _____
 DRAWING NO. _____
 SCALE 1" = 500'
 MINIMUM DEGREE OF ACCURACY 1 PART IN 200
 PROVEN SOURCE OF ELEVATION INT. RT. 11 and 2L
 ELEVATION 755'

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) Cecil R. Main
 R.P.E. _____ L.L.S. 711



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



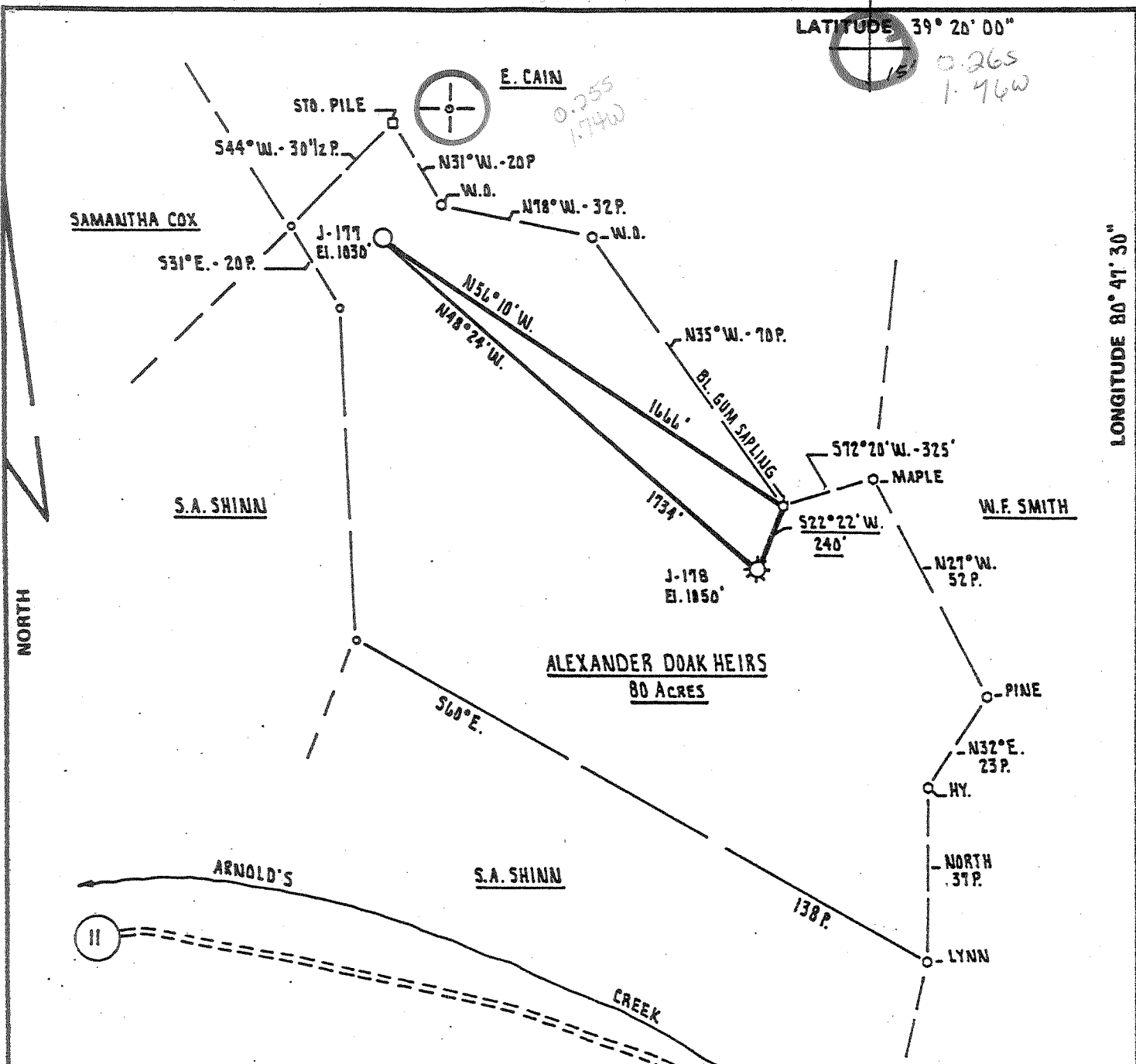
DATE JANUARY 12th, 19 81
 OPERATOR'S WELL NO. J-177
 API WELL NO. _____
 47 - 017 - 2963
 STATE COUNTY PERMIT

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 1030' WATER SHED ARNOLD CREEK
 DISTRICT CENTRAL COUNTY DODDRIDGE
 QUADRANGLE WEST UNION 7.5
 SURFACE OWNER LAWRENCE JAMES ACREAGE _____
 OIL & GAS ROYALTY OWNER ALEXANDER DOAK HEIRS LEASE ACREAGE 80 Ac.
 LEASE NO. H-14
 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 ALEXANDER ESTIMATED DEPTH 5400'
 WELL OPERATOR J. and J. ENTERPRISES INC. DESIGNATED AGENT HARRY BARNETT
 ADDRESS P.D. BOX 48 BUCKHANNON, WEST VIRGINIA 26201 ADDRESS P.D. BOX 48 BUCKHANNON, WEST VIRGINIA 26201

APR 11 1983



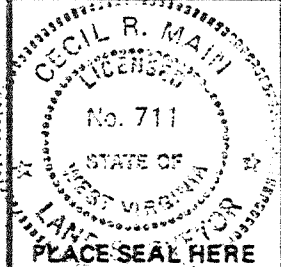
LATITUDE 39° 20' 00"

0.265
1.46w

E. CAIN
0.255
1.74w

FILE NO. _____
DRAWING NO. _____
SCALE 1" = 500'
MINIMUM DEGREE OF ACCURACY 1 PART IN 200
PROVEN SOURCE OF ELEVATION INT. RT. 11 and 2L
ELEVATION 755'

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) Cecil R. Main
R.P.E. _____ L.L.S. 711



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



DATE JANUARY 12th 19 81
OPERATOR'S WELL NO. J-177
API WELL NO. _____
47 - 017 - 2963
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 1030' WATER SHED ARNOLD CREEK
DISTRICT CENTRAL COUNTY DODDRIDGE
QUADRANGLE WEST UNION 15 Q15 SE
SURFACE OWNER LAWRENCE JAMES ACREAGE _____
OIL & GAS ROYALTY OWNER ALEXANDER DOAK HEIRS LEASE ACREAGE 80 Ac.
LEASE NO. H-14

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 ALEXANDER ESTIMATED DEPTH 5400'
WELL OPERATOR J. and J. ENTERPRISES INC. DESIGNATED AGENT HARRY BARNETT
ADDRESS P.O. BOX 48 ADDRESS P.O. BOX 48
BUCKHANNON, WEST VIRGINIA 26201 BUCKHANNON, WEST VIRGINIA 26201

[08-78]

OIL AND GAS WELL PERMIT APPLICATION

Operator's Well No. J-177
API Well No. 47-017 2963
State County Perm

WELL TYPE: Oil ___ / Gas x /
(If "Gas", Production x / Underground storage ___ / Deep ___ / Shallow x /)
LOCATION: Elevation: 1030 Watershed: Arnolds Creek
District: Central County: Doddridge Quadrangle: West Union

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

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

OIL & GAS ROYALTY OWNER Alexander Doak Heirs
Address 303 Church St. 3240 E. 69th
West Union, WV Tulsa, Oklahoma
Acreage 80 26456 74136

COAL OPERATOR None
Address: _____

SURFACE OWNER Lawrence James
Address _____
Greenwood, WV 26360
Acreage _____

COAL OWNER(S) WITH DECLARATION ON RECORD:
Name Alexander Doak Heirs
Address 303 Church St.
West Union, WV 26456
Name _____
Address _____

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

COAL LESSEE WITH DECLARATION ON RECORD:
Name None
Address _____
RECEIVED
JAN 30 1981

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

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 x / dated 5/6, 1980, to the undersigned well operator from Justin Henderson

[If said deed, lease, or other contract has been recorded:]
Recorded on 5/13, 1980, in the office of the Clerk of the County Commission of Doddridge County, West Virginia, in Lease Book 115 at page 41. A permit is requested as follows:

PROPOSED WORK: Drill x / Drill deeper ___ / Redrill ___ / Fracture or stimulate x /
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
2614 WASHINGTON STREET EAST
CHARLESTON, WV 25312
TELEPHONE: (304) 263-3033

J & J Enterprises, Inc.
Well Operator
Peter Battles
Geologist

MARKET BOND

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 P.O. Box 48
Buckhannon, WV 26201

GEOLOGICAL TARGET FORMATION, Alexander

Estimated depth of completed well, 5400 feet Rotary X/ Cable tools /

Approximate water strata depths: Fresh, 25 feet; salt, 1000 feet.

Approximate coal seam depths: None 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, 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 § 22-4-1a from the owner of any water well or drilling within 200 feet of the proposed well.

A separate Form IV-2 shall 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.

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 10-6-81

Signature: Fred B. ... Deputy Director - Oil & Gas Division

The following waiver must be executed 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.

Date: , 19

By Its