

8-25

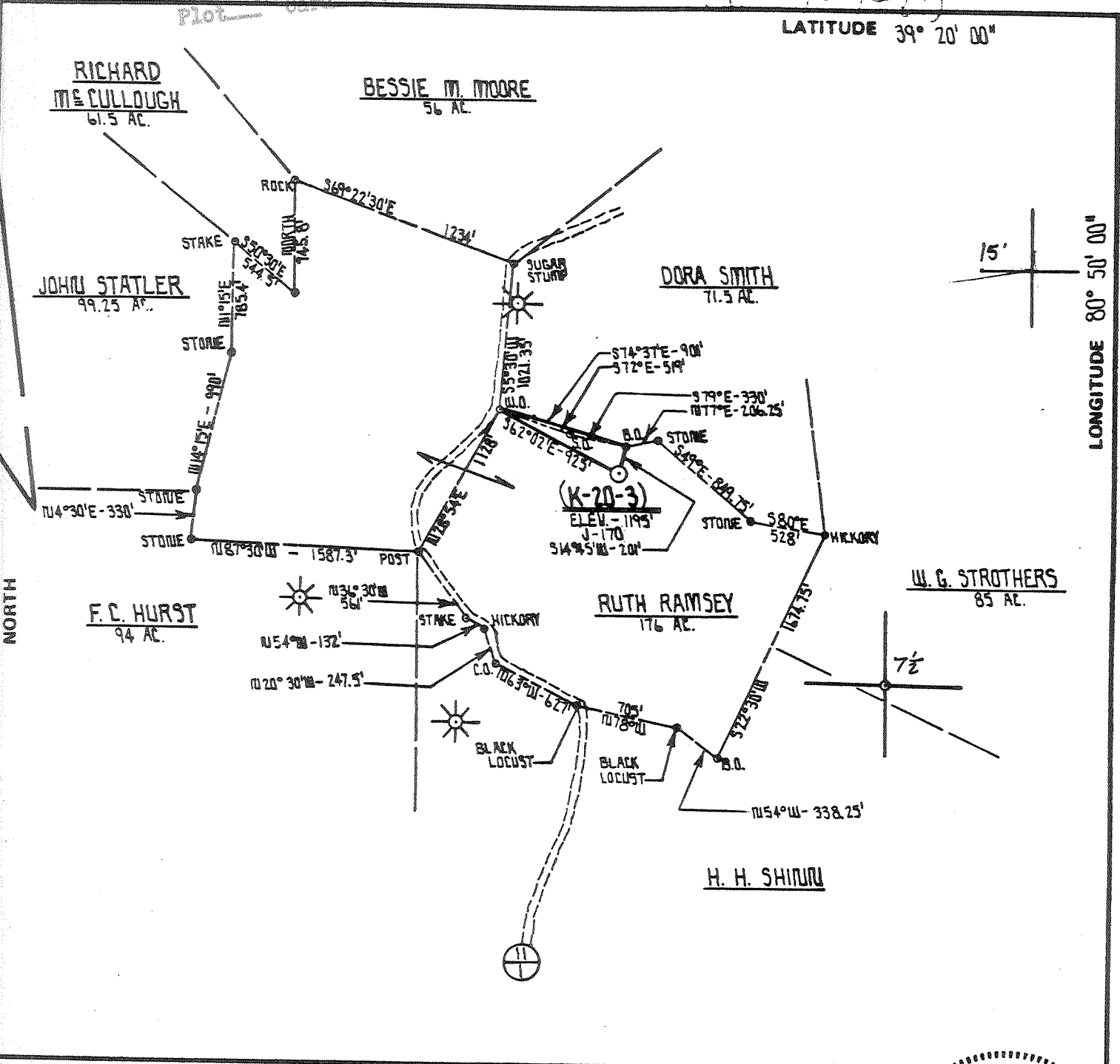
50 7-7-77

Plot

CSD

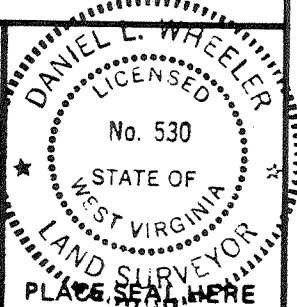
LATITUDE 39° 20' 00"

LONGITUDE 80° 50' 00"



FILE NO. _____
 DRAWING NO. _____
 SCALE 1" = 1,000'
 MINIMUM DEGREE OF ACCURACY 1 PART IN 200
 PROVEN SOURCE OF ELEVATION INT. OF RTS. 26 & 11
 ELEV. - 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) Daniel L. Wheeler
 R.P.E. _____ L.L.S. 530



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



STATE OF WEST VIRGINIA
 DEPARTMENT OF MINES
 OIL AND GAS DIVISION

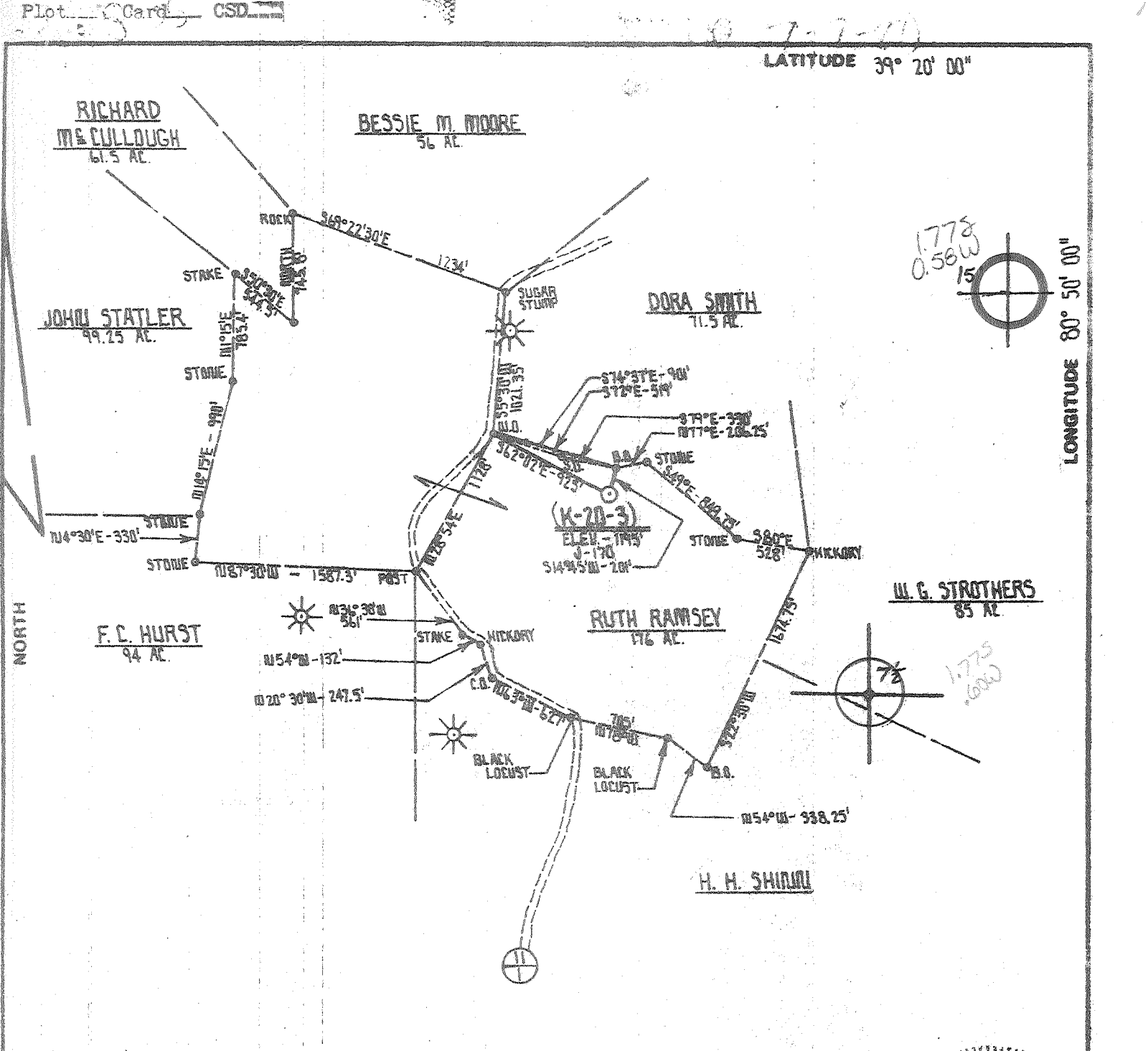
DATE MAY 2, 19 80
 OPERATOR'S WELL NO. (K-20-3) J-170
 API WELL NO. _____
47 - 017 - 2605 REV
 STATE COUNTY PERMIT

Cancelled

WELL TYPE: OIL ___ GAS X LIQUID INJECTION ___ WASTE DISPOSAL ___
 (IF "GAS,") PRODUCTION X STORAGE ___ DEEP ___ SHALLOW X
 LOCATION: ELEVATION 1195' WATER SHED LICK RUN TO ARNOLDS CREEK
 DISTRICT CENTRAL COUNTY DODDRIDGE
 QUADRANGLE WEST VIRGINIA 7.5'x15'
 SURFACE OWNER CLARENCE HURST ACREAGE 176
 OIL & GAS ROYALTY OWNER RUTH RAMSEY LEASE ACREAGE 176
 LEASE NO. K-20
 PROPOSED WORK: DRILL X CONVERT ___ DRILL DEEPER ___ REDRILL ___ FRACTURE OR
 STIMULATE X 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 5150'
 WELL OPERATOR J. & J. ENTERPRISES, INC. DESIGNATED AGENT HARRY BARNETT
 ADDRESS P.O. BOX 48 ADDRESS PO BOX 48

18 1984



FILE NO. _____
 DRAWING NO. _____
 SCALE 1" = 1,000'
 MINIMUM DEGREE OF ACCURACY 1 PART IN 200
 PROVEN SOURCE OF ELEVATION INT. OF RTS. 26 & 11
ELEV. - 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) David L. Wheeler
 R.P.E. _____ L.L.S. 530

PLACE SEAL HERE

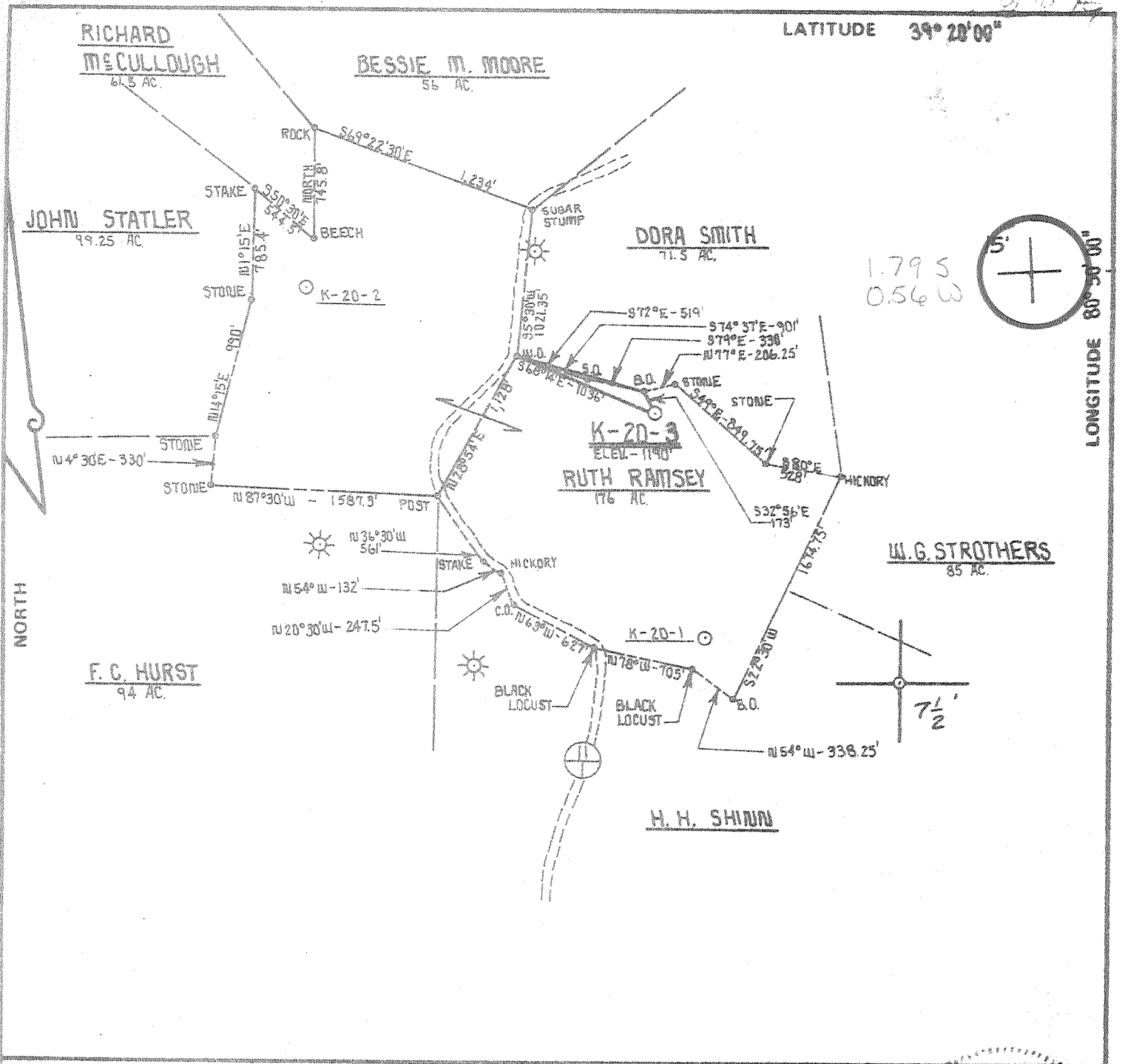
(+) DENOTES LOCATION OF WELL ON UNITED STATES TOPOGRAPHIC MAPS
 FORM IV-6 (8-78)

DATE MAY 2 19 80
 OPERATOR'S WELL NO. (K-20-3) J-170
 API WELL NO. _____
47 - 017 - 2605 REV _____
 STATE COUNTY PERMIT

STATE OF WEST VIRGINIA
 DEPARTMENT OF MINES
 OIL AND GAS DIVISION

WELL TYPE: OIL ___ GAS X LIQUID INJECTION ___ WASTE DISPOSAL ___
 (IF "GAS,") PRODUCTION X STORAGE ___ DEEP ___ SHALLOW X
 LOCATION: ELEVATION 1195' WATER SHED LICK RUN TO ARNOLDS CREEK
 DISTRICT CENTRAL COUNTY DODDRIDGE
 QUADRANGLE WEST VIRGINIA 75°E15' SC
 SURFACE OWNER CLARENCE HURST ACREAGE 176
 OIL & GAS ROYALTY OWNER RUTH RAMSEY LEASE ACREAGE 176
 LEASE NO K-20
 PROPOSED WORK: DRILL X CONVERT ___ DRILL DEEPER ___ REDRILL ___ FRACTURE OR STIMULATE X 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 5150'
 WELL OPERATOR J. J. ENTERPRISES, INC. DESIGNATED AGENT HARRY BARNETT
 ADDRESS P.O. BOX 48 BUCKHANNON, W. VA. 26201 ADDRESS P.O. BOX 48 BUCKHANNON, W. VA. 26201

AUG 1 1980



FILE NO. _____
 DRAWING NO. _____
 SCALE 1" = 1,000'
 MINIMUM DEGREE OF ACCURACY 1 PART IN 200
 PROVEN SOURCE OF ELEVATION INT. RT. 26 B RT. 11
ELEV - 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) Dennis L. Wheeler
 R.P.E. _____ L.L.S. 530

STATE OF WEST VIRGINIA
 DEPARTMENT OF MINES
 OIL AND GAS DIVISION
 PLACE SEAL HERE

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



DATE FEBRUARY 8, 1980
 OPERATOR'S WELL NO. K-20-3
 API WELL NO. 47-017-2605
 STATE COUNTY PERMIT

STATE OF WEST VIRGINIA
 DEPARTMENT OF MINES
 OIL AND GAS DIVISION

WELL TYPE: OIL ___ GAS X LIQUID INJECTION ___ WASTE DISPOSAL ___
 (IF "GAS,") PRODUCTION X STORAGE ___ DEEP ___ SHALLOW X
 LOCATION: ELEVATION 1190' WATER SHED LICK RUN TO ARNOLDS CREEK
 DISTRICT CENTRAL COUNTY DODDRIDGE
 QUADRANGLE WEST UNION 7.5', 15'SC
 SURFACE OWNER CLARENCE HURST ACREAGE 176
 OIL & GAS ROYALTY OWNER RUTH RAMSEY LEASE ACREAGE 176
 LEASE NO. K-20
 PROPOSED WORK: DRILL X CONVERT ___ DRILL DEEPER ___ REDRILL ___ FRACTURE OR STIMULATE X 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 5,150'
 WELL OPERATOR J. & J. ENTERPRISES, INC. DESIGNATED AGENT HARRY BARNETT
 ADDRESS P.O. BOX 48 ADDRESS P.O. BOX 48
BUCKHANNON, W. VA. 26201 BUCKHANNON, W. VA. 26201

[08-78]

OIL AND GAS WELL PERMIT APPLICATION

Operator's Well No. K-20-#3
API Well No. 47-017-2605
State County Permit

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

LOCATION: Elevation: 1190 Watershed: Lick Run to Arnolds Creek
District: Central County: Doddridge Quadrangle: West Union

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

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

OIL & GAS ROYALTY OWNER Ruth Ramsey/Nell Allen
Address 316 Stealey Ave./Box 455
Clarksburg, W.Va./Pennsboro, W. Va.

COAL OPERATOR None

Acreage 176

COAL OWNER(S) WITH DECLARATION ON RECORD:

SURFACE OWNER Clarence Hurst
Address Greenwood,
W. Va. 26360
Acreage 176

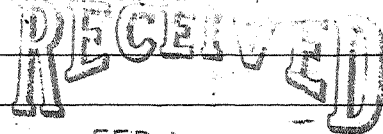
Name George and Nell Allen
Address Box 455
Pennsboro, W. Va. 26415

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

Name _____
Address _____

OIL & GAS INSPECTOR TO BE NOTIFIED
Name Paul Garrett
Address 321 Beech Street
Clarksburg, W. Va. 26301

COAL LESSEE WITH DECLARATION ON RECORD:
Name None
Address _____



FEB 19 1980

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 X / other contract ___ / dated June 28, 1978, to the undersigned well operator from Ruth Ramsey

[If said deed, lease, or other contract has been recorded:]

Recorded on August 29, 1978, in the office of the Clerk of the County Commission of Doddridge County, West Virginia, in OIL & GAS LEASE Book 104 at page 452. 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 application 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
1619 WASHINGTON STREET EAST
CHARLESTON, WV 25311
TELEPHONE: (304) 348-3092

BLANKET BOND

J & J ENTERPRISES, INC.
Well Operator

By Peter Battles
PETER BATTLES
Its _____ GEOLOGIST

[08-78]

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 Co.
Address P. O. Box 48
Buckhannon, W. Va. 26201

GEOLOGICAL TARGET FORMATION, Alexander

Estimated depth of completed well, 5300 feet Rotary / Cable tools /
Approximate water strata depths: Fresh, 80 feet; salt, 1400 feet.
Approximate coal seam depths: None Is coal being mined in the area? Yes / No

RASING 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 | For drilling | Left in well | | Kinds | None |
| Conductor | 11 3/4 | H-40 | 42 | X | | 30 | 30 | 0 sks. | None | |
| Fresh water | 8 5/8 | ERW | 23 | X | | 1600 | 1600 | 400 sks. | | |
| Coal | 8 5/8 | ERW | 23 | X | | 1600 | 1600 | 400 sks. | Sizes | |
| Intermediate | | | | | | | | | | |
| Production | 4 1/2 | J-55 | 10.5 | X | | 5350 | 5350 | 300 sks. | Depths set | |
| Tubing | | | | | | | | | | |
| Liners | | | | | | | | | 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 the permit is such as 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 10-21-80

[Signature]
Deputy Director - Oil & Gas Division

The following orders must be complied with 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