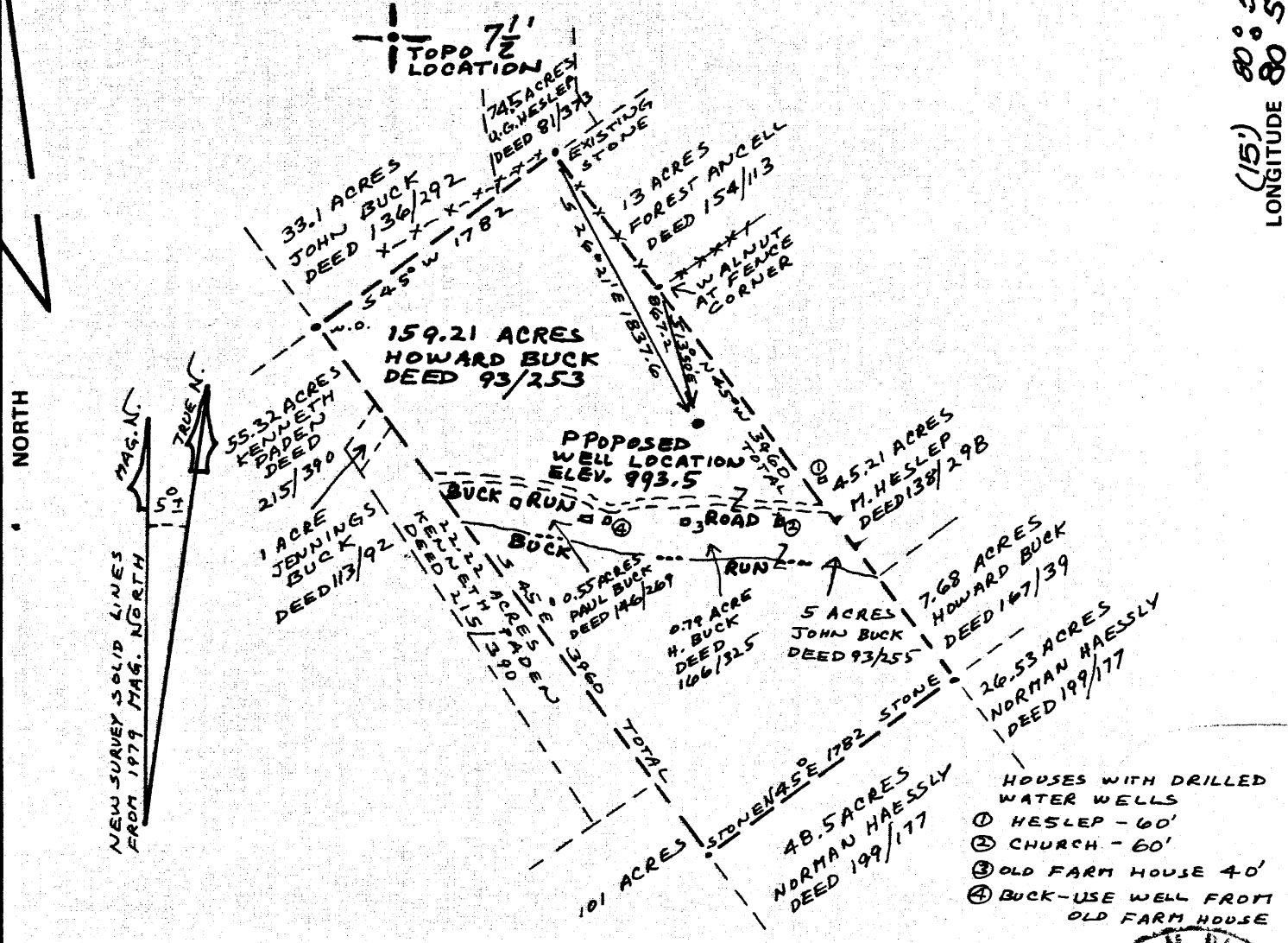


(15') LONGITUDE 80° 52' 30"



FILE NO. 78-5278
 DRAWING NO. _____
 SCALE 1" = 1000'
 MINIMUM DEGREE OF ACCURACY 1 IN 2500
 PROVEN SOURCE OF ELEVATION 761 AT THE BUCK RUN ROAD AND WILLOW RUN ROAD INTERSECTION ON PADEN CITY QUADRANGLE TOPO MAP

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) Henry W. Parsons
 R.P.E. O L.L.S. 98

HENRY W. PARSONS
 LICENSED
 No. 98
 STATE OF
 WEST VIRGINIA
 LAND SURVEYOR
 PLACE SEAL HERE

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



DATE JAN 18, 1980
 OPERATOR'S WELL NO. BUCK 2
 API WELL NO. 47-095-0778
 STATE COUNTY PERMIT
cancelled

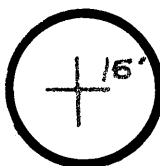
STATE OF WEST VIRGINIA
 DEPARTMENT OF MINES
 OIL AND GAS DIVISION

WELL TYPE: OIL GAS LIQUID INJECTION _____ WASTE DISPOSAL _____
 (IF "GAS,") PRODUCTION STORAGE _____ DEEP _____ SHALLOW
 LOCATION: ELEVATION 993.5 WATER SHED BUCK RUN
 DISTRICT LINCOLN COUNTY TYLER
 QUADRANGLE PADEN CITY (1 TO 24,000)
 SURFACE OWNER HOWARD BUCK ACREAGE 159.21 ACRES (TAX MAP) 165 AC.
 OIL & GAS ROYALTY OWNER Buck Heirs LEASE ACREAGE 160 165 AC.
 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) _____

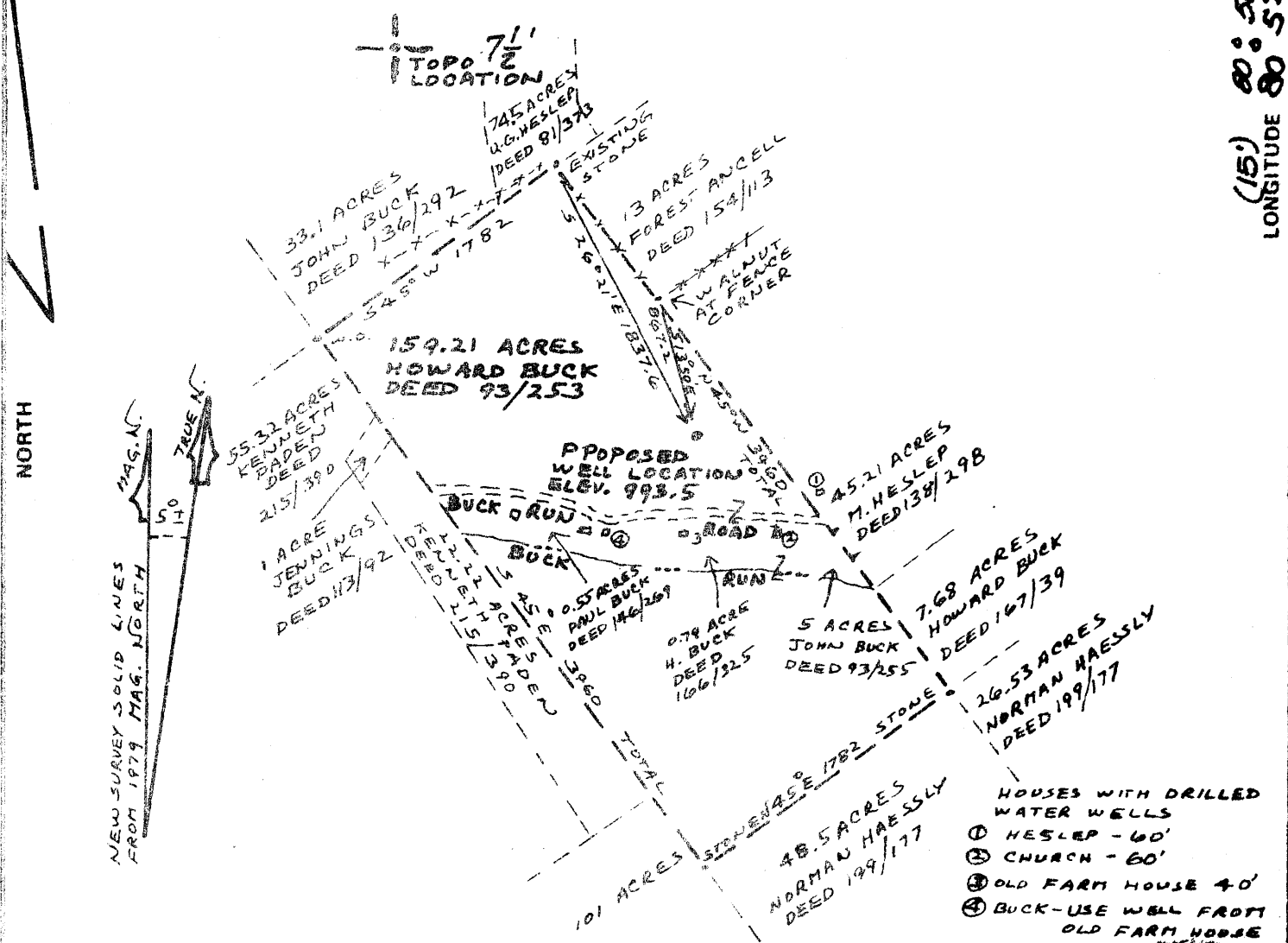
PLUG AND ABANDON _____ CLEAN OUT AND REPLUG _____
 TARGET FORMATION Alexander ESTIMATED DEPTH 5400
 WELL OPERATOR The Carter-Jones Lumber Co DESIGNATED AGENT Gary L Rymer
 ADDRESS 601 Tallmadge Road ADDRESS P.O. Box 236
Kent Ohio 44240-57 Middlebourne WVA 26149

DEC 23 1985

0.72 S
4.03 W
4.27 W



(15') 80° 50' 30"
LONGITUDE 80° 52' 30"



FILE NO. 7B-5278
DRAWING NO. _____
SCALE 1" = 1000'
MINIMUM DEGREE OF ACCURACY 1 IN 2500
PROVEN SOURCE OF ELEVATION 761 AT THE BUCK RUN ROAD AND WILLOW RUN ROAD INTERSECTION ON PADEN CITY QUADRANGLE TOPO MAP

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) Henry W. Parsons
R.P.E. _____ L.L.S. 9B



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



DATE JAN 18, 1980
OPERATOR'S WELL NO. BUCK 2
API WELL NO. _____
47 - 095 - 0778
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 993.5 WATER SHED BUCK RUN
DISTRICT LINCOLN COUNTY TYLER
QUADRANGLE PADEN CITY (1 TO 24,000) NEW MARTINSVILLE 15' 50'
SURFACE OWNER HOWARD BUCK ACREAGE 159.21 ACRES (TAX MAP) 165A.
OIL & GAS ROYALTY OWNER Buck Heirs LEASE ACREAGE 160 165A.
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 Alexander ESTIMATED DEPTH 5400
WELL OPERATOR The Carter-Jones Lumber Co DESIGNATED AGENT Gary L Rymer
ADDRESS 601 Tallmadge Road ADDRESS P.O. Box 236
Rent Ohio 44240 Middlebourne WV 26149

[08-78]

OIL AND GAS WELL PERMIT APPLICATION

Operator's ~~Well No.~~ Howard Buck #2
API Well No. 47-095-0778
State County Permit

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

LOCATION: Elevation: 9935 Watershed: Buck Run
District: Lincoln County: Tyler Quadrangle: Paden City

WELL OPERATOR The Carter-Jones Lumber Co DESIGNATED AGENT Gary L Rymer
Address 601 Tallmadge Road Address PO Box 236
Kent, Ohio 44240 Middlebourne WVa

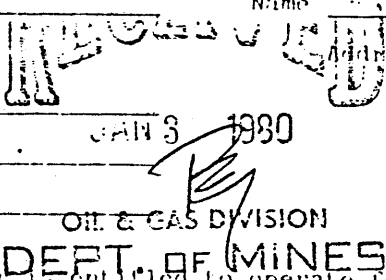
OIL & GAS ROYALTY OWNER Howard Buck et al COAL OPERATOR NO coal operator
Address Rt #1 Address _____
Sistersville WVa

ACREAGE 122 acres COAL OWNER(S) WITH DECLARATION ON RECORD:
SURFACE OWNER same as above Name NO coal operator
Address _____ Address _____

ACREAGE _____ Name NO coal operator
FIELD SALE (IF MADE) TO: Address _____

Name NA COAL LESSEE WITH DECLARATION ON RECORD:
Address _____ Name NO coal operator
Address _____

OIL & GAS INSPECTOR TO BE NOTIFIED
Name _____ Address _____



The undersigned well operator is entitled to operate for oil or gas purposes at the above location under a deed / lease / other contract / dated Jun 27, 1978, to the undersigned well operator from Howard Buck et al to John Richmond & Carter-Jones.
[If said deed, lease, or other contract has been recorded:]

Recorded on _____, 19____, in the office of the Clerk of the County Commission of Tyler County, West Virginia, in Deed Book 216 at page 164. 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 here of.

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 SEND COPIES OF ALL GEOPHYSICAL LOGS DIRECTLY TO:
WEST VIRGINIA OIL AND GAS CONSERVATION COMMISSION
1915 WASHINGTON STREET EAST
CHARLESTON, WV 25311
TELEPHONE: (304) 263-2300

BLANKET BOND

The Carter-Jones Lumber Co.
Well Operator

By Arc O'Leary
Asst. V. Pres.

[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) not yet determined
Address _____

GEOLOGICAL TARGET FORMATION, Alexander

Estimated depth of completed well, 5400' feet Rotary Cable tools

Approximate water strata depths: Fresh, 40-60' feet; salt, _____ feet.

Approximate coal seam depths: NO COAL Is coal being mined in the area: Yes No

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	For drilling	Left in well		
Conductor									Kinds _____
Fresh water	<u>8 7/8"</u>	<u>J-55</u>	<u>23</u>	<input checked="" type="checkbox"/>		<u>600'</u>	<u>600'</u>	<u>Cmt to surf</u>	
Coal									Sizes _____
Intermediate									
Production	<u>4 1/2"</u>	<u>J-55</u>	<u>16.5</u>	<input checked="" type="checkbox"/>		<u>TO TO</u>	<u>TO TO</u>	<u>150 SxS</u>	Depths set _____
Tubing									
Liners									Perforations: <u>not known</u>
									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-3, "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 such 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 accordance 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 10/1/80.

[Signature]
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 regulations:

no coal operator

Date: _____, 19____

By _____
Its _____