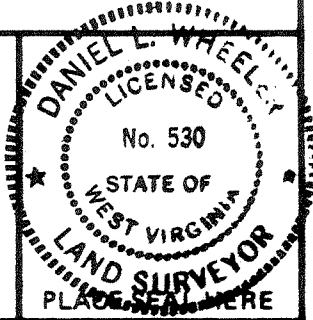


FILE NO. _____
 DRAWING NO. _____
 SCALE $1'' = 1,000'$
 MINIMUM DEGREE OF ACCURACY 1 Part in 200
 PROVEN SOURCE OF ELEVATION J. & J. Enterprises
Well K-501 Elev. 1210

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-6 (8-78)



DATE November 28, 19 79
 OPERATOR'S WELL NO. J-6-7-23
 API WELL NO. _____
47 - 017 - 2630
 STATE COUNTY PERMIT

STATE OF WEST VIRGINIA
 DEPARTMENT OF MINES
 OIL AND GAS DIVISION

CANCELLED

WELL TYPE: OIL ___ GAS X LIQUID INJECTION ___ WASTE DISPOSAL ___
 (IF "GAS,") PRODUCTION X STORAGE ___ DEEP ___ SHALLOW X
 LOCATION: ELEVATION 1244 WATER SHED Middle Island Creek
 DISTRICT West Union COUNTY Doddridge
 QUADRANGLE West Union 7.5' & 15'
 SURFACE OWNER Homer Martin Jr. ACREAGE 450
 OIL & GAS ROYALTY OWNER Ralph Leaderbrand LEASE ACREAGE 450
 LEASE NO. _____
 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 5750
 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

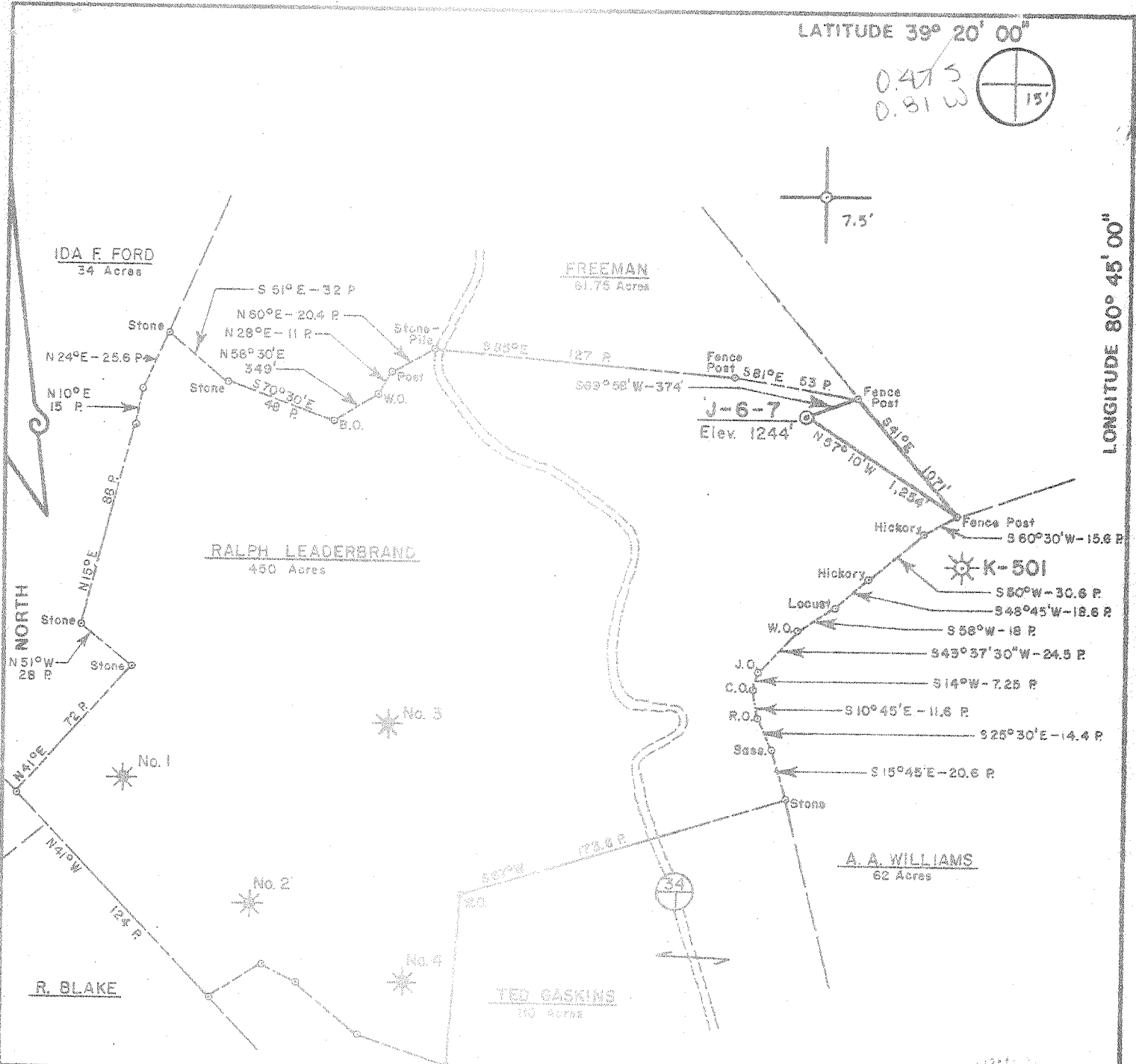
JAN 31 1983

LATITUDE 39° 20' 00"

0.47 S
0.81 W



LONGITUDE 80° 45' 00"



FILE NO. _____
 DRAWING NO. _____
 SCALE 1" = 1,000'
 MINIMUM DEGREE OF ACCURACY 1 Part In 200
 PROVEN SOURCE OF ELEVATION J. B. J. Enterprises
Well K-501 Elev. 1210'

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) Paul L. Hudson
 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 November 28, 19 79
 OPERATOR'S WELL NO. 4-6-7-J-23
 API WELL NO. _____
47 - 017 - 2630
 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 1244' WATER SHED Middle Island Creek
 DISTRICT West Union COUNTY Doddridge
 QUADRANGLE West Union 7.5' x 15' 32
 SURFACE OWNER Homer Martin Jr ACREAGE 450
 OIL & GAS ROYALTY OWNER Ralph Leaderbrand LEASE ACREAGE 450
 LEASE NO. _____
 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 5750
 WELL OPERATOR J. B. 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. J-29
API Well No. 47 - 017 - 2630
State County Permit

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

LOCATION: Elevation: 1244' Watershed: Middle Island Creek
District: West Union County: Doddridge Quadrangle: West Union 7 1/2

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

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

OIL & GAS ROYALTY OWNER J.M.L. Smith & Glen Wells
Address 405 W. Main Street
West Union, WV 26456
Acreage 450

COAL OPERATOR None
Address

SURFACE OWNER Homer Martin, Jr.
Address Star Route
West Union, WV 26456
Acreage 450

COAL OWNER(S) WITH DECLARATION ON RECORD:
Name J.M.L. Smith
Address 405 W. Main Street
West Union, WV 26456

FIELD SALE (IF MADE) TO:
Name
Address

Name
Address

OIL & GAS INSPECTOR TO BE NOTIFIED
Name Paul Garrett
Address 321 Beech St.
Clarksburg, WV 26301

COAL LESSEE WITH DECLARATION ON RECORD:
Name None
Address

MAR 10 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 / other contract X / dated 9-27, 1979, to the undersigned well operator from Leaderbrand

[If said deed, lease, or other contract has been recorded:]
Recorded on 10-16, 1979, in the office of the Clerk of the County Commission of Doddridge County, West Virginia, in oil & gas lease 111 at page 540. 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 well operator, coal owner(s), and coal lessee are hereby notified that any obligations they wish to take 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
1611 WASHINGTON STREET EAST
CHARLESTON, WV 25311
TELEPHONE: (304) 345-3092

J & J Enterprises, Inc.
Well Operator

By Peter Battles
Its Geologist

BLANKET 10000

[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
Address P.O. Box 48
Buckhannon, WV 26201

GEOLOGICAL TARGET FORMATION, Alexander

Estimated depth of completed well, 5750 feet Rotary X / Cable tools /

Approximate water strata depths: Fresh, 180 feet; salt, 1660 feet.

Approximate coal seam depths: 427,538 Is coal being mined in the area: Yes / No X /

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	Kinds
Conductor	113/4	H-40	42	X		30	0	0 Sks	None
Fresh water	8 5/8	ERW	23	X		1120	1120	300 Sks	
Coal	8 5/8	ERW	23	X		1120	1120	300 Sks	Sizes
Intermediate									
Production	4 1/2	J-55	10.5	X		5725	5725	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 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 11-19-80.

Robert L. [Signature]
Deputy Director - Oil & Gas Division

The following conditions must be complied with by the coal operator and by any coal owner or coal lessee who has received 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