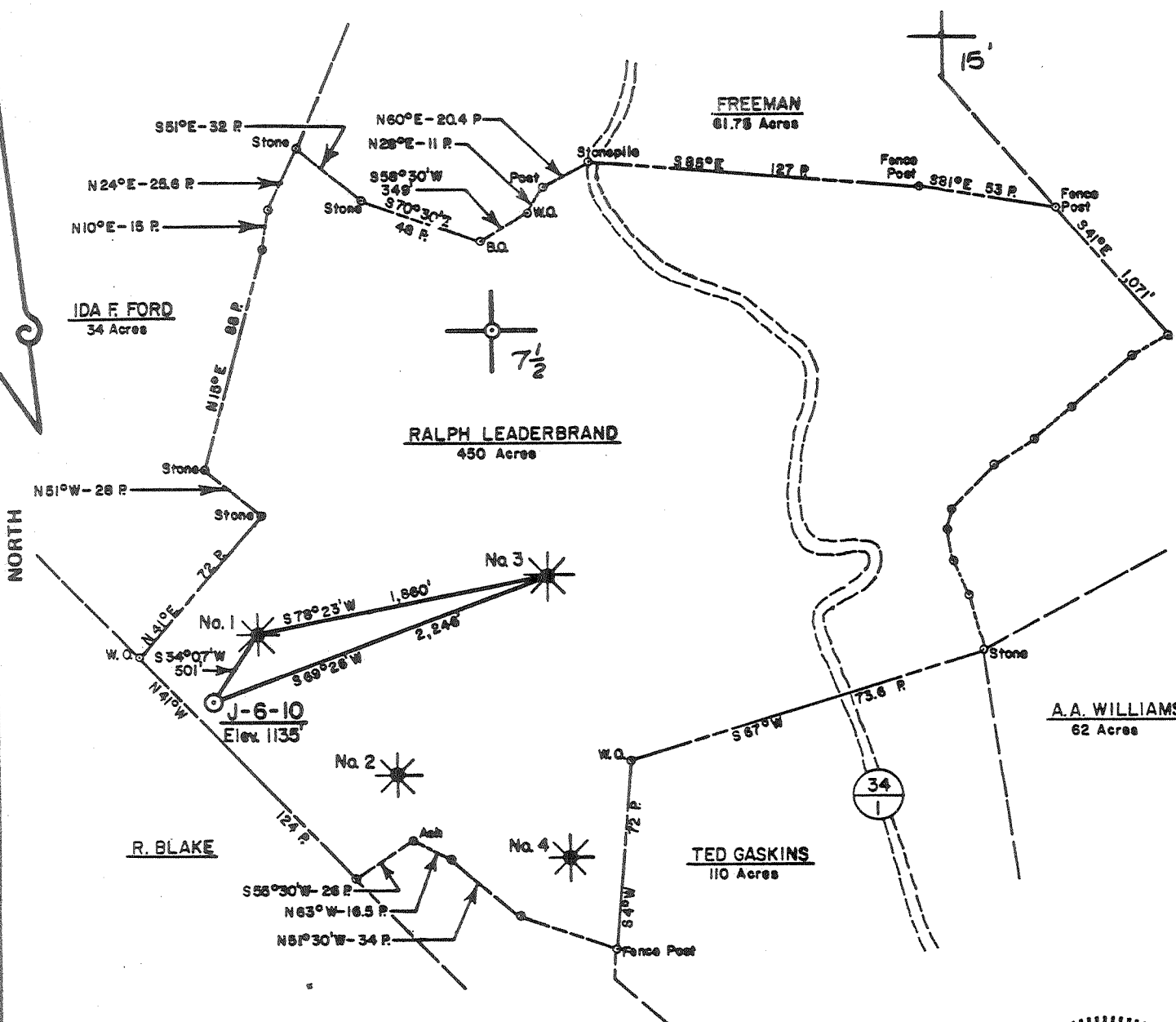


11/14/79

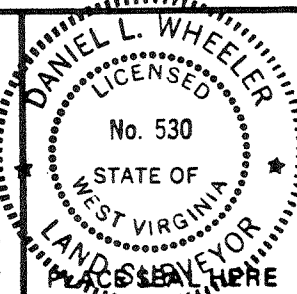
LATITUDE 39° 20' 00"

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. & J. Enterprises  
Well No. 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 8, 19 79  
 OPERATOR'S WELL NO. J-6-10  
 API WELL NO. \_\_\_\_\_  
47 - 017 - 2536  
 STATE COUNTY PERMIT

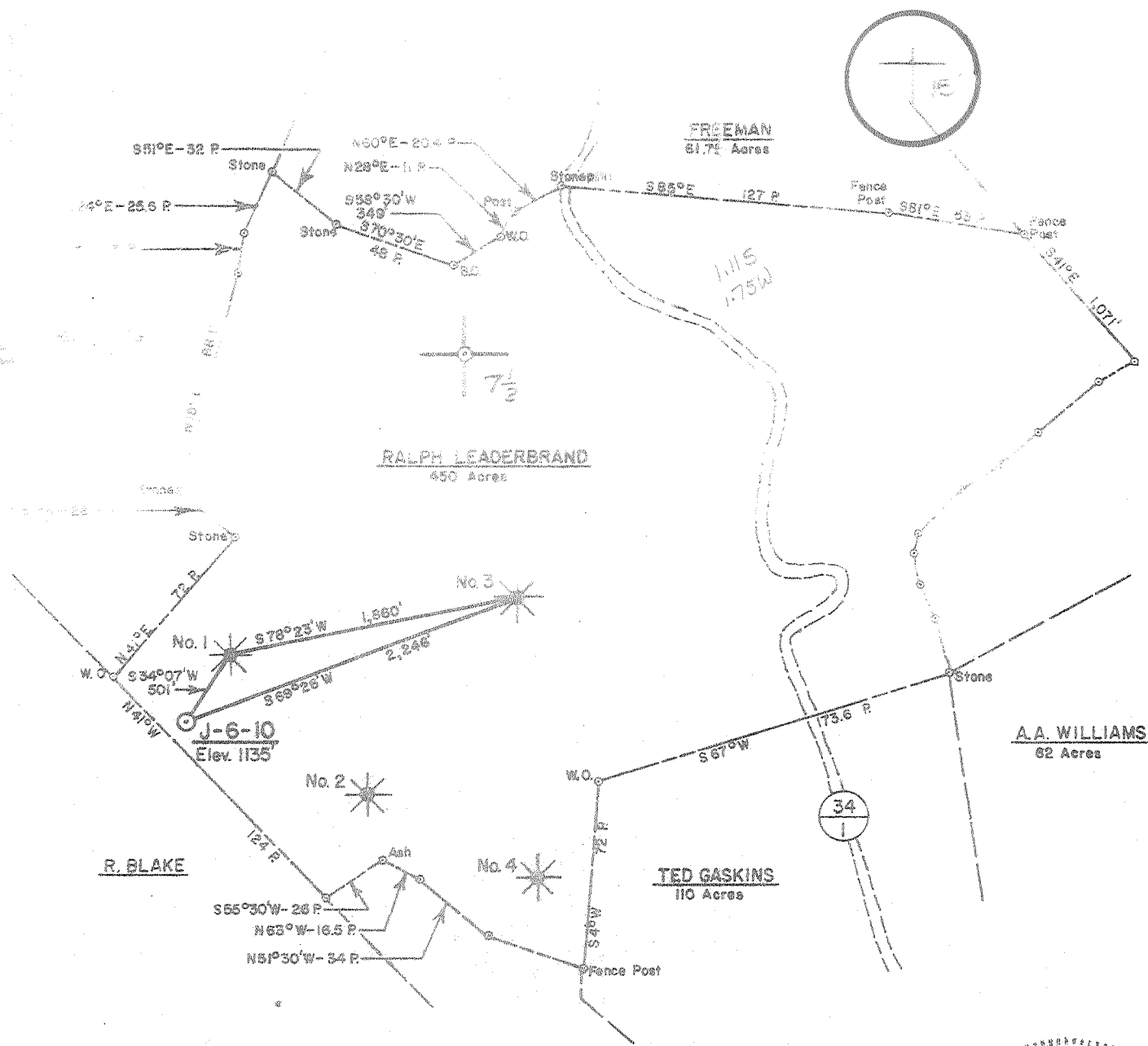
STATE OF WEST VIRGINIA  
 DEPARTMENT OF MINES  
 OIL AND GAS DIVISION

**CANCELLED**

WELL TYPE: OIL \_\_\_ GAS X LIQUID INJECTION \_\_\_ WASTE DISPOSAL \_\_\_  
 (IF "GAS,") PRODUCTION X STORAGE \_\_\_ DEEP \_\_\_ SHALLOW X  
 LOCATION: ELEVATION 1135 WATERSHED Middle Island Creek  
 DISTRICT West Union COUNTY Doddridge  
 QUADRANGLE West Union 7.5  
 SURFACE OWNER Homer Martin Jr. ACREAGE 450  
 OIL & GAS ROYALTY OWNER Ralph Leaderbrand; J.W. Smith LEASE ACREAGE 450  
 LEASE NO. J-6-10  
 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 5650  
 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

NORTH



FILE NO. \_\_\_\_\_  
 DRAWING NO. \_\_\_\_\_  
 SCALE 1"=1,000'  
 MINIMUM DEGREE OF ACCURACY 1 Part In 200  
 PROVEN SOURCE OF ELEVATION J. & J. Enterprises  
Well No. 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 8, 19 79  
 OPERATOR'S WELL NO. J-6-10  
 API WELL NO. 47-017-2536  
 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 1135 WATER SHED Middle Island Creek  
 DISTRICT West Union COUNTY Doddridge  
 QUADRANGLE West Union 7.5/15 SE  
 SURFACE OWNER Homer Martin Jr. ACREAGE 450  
 OIL & GAS ROYALTY OWNER Ralph Leaderbrand; J.M. Seck LEASE ACREAGE 450  
 LEASE NO. J-6-10  
 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 5650  
 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

DEC 6 1979

[08-78]

OIL AND GAS WELL PERMIT APPLICATION

Operator's Well No. JJ-6-#10  
API Well No. 47-017-2536  
State County Permit

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

LOCATION: Elevation: 1135' Watershed: Middle Island Creek  
District: West Union County: Doddridge Quadrangle: West Union 7.5'

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 J.M.L. Smith and Glen Wells  
Address 405 W. Main Street  
West Union, W. Va. 26456

COAL OPERATOR None  
Address

Acreage 450

COAL OWNER(S) WITH DECLARATION ON RECORD:

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

Name J. M. L. Smith  
Address 405 W. Main Street  
West Union, W. Va. 26456

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

NOV 16 1979

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 September 27, 1979, to the undersigned well operator from Leaderbrand

[If said deed, lease, or other contract has been recorded:]  
Recorded on October 16, 1979, in the office of the Clerk of the County Commission of Doddridge County, West Virginia, in Oil & Gas Lease Book 111 at page 540. A permit is requested as follows:

PROPOSED WORK: Drill X / Drill deeper \_\_\_ / Redrill \_\_\_ / Fracture or stimulate X /  
Plug old formation \_\_\_ / Perforate new formation \_\_\_ /  
Other physical change in well (specify)

--- planned work on the work order on the reverse side hereof.

The undersigned well operator, coal owner(s), and coal lessee are hereby notified that any other laws or regulations that 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 to be 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  
OR PHYSICAL LOGS DIRECTLY TO:  
WEST VIRGINIA OIL AND GAS  
CONSERVATION COMMISSION  
1616 WASHINGTON STREET EAST  
CHARLESTON, WV 25311  
TELEPHONE: (304) 348-3092

BLANKET BOND

J & J ENTERPRISES, INC.  
Well Operator  
By Peter Battles  
PETER BATTLES GEOLOGIST  
Its

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, W. Va. 26201

GEOLOGICAL TARGET FORMATION, Alexander

Estimated depth of completed well, 5650 feet Rotary X / Cable tools      /

Approximate water strata depths: Fresh, 65 feet; salt, 1600 feet.

Approximate coal seam depths: 315, 425 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	11 3/4	H-40	42	X		30	0	0 sks.	None
Fresh water	8 5/8	ERW	23	X		1010	1010	280 sks.	
Coal	8 5/8	ERW	23	X		1010	1010	280 sks.	Sizes
Intermediate									
Production	4 1/2	J-55	10.5	X		5625	5625	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 is proposed at the well site 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 7-16-80.

*[Signature]*  
Deputy Director - Oil & Gas Division

The undersigned coal operator and by any coal owner or coal leaseholder has not made a declaration under Code § 22-4-20, if the permit is to be done 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 regulations of the West Virginia Code and the governing regulations.

Date: \_\_\_\_\_, 19\_\_\_\_

By \_\_\_\_\_

Its \_\_\_\_\_