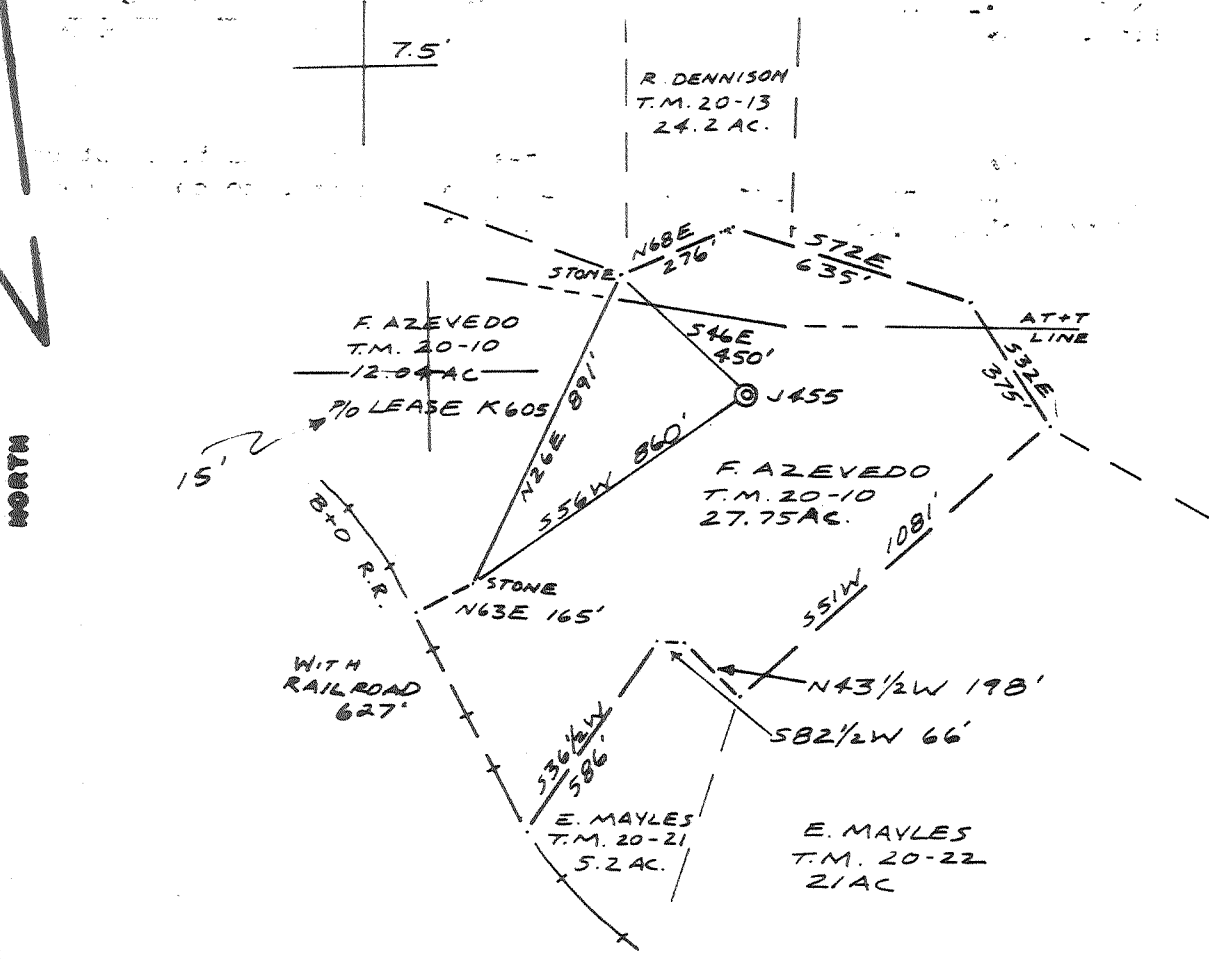


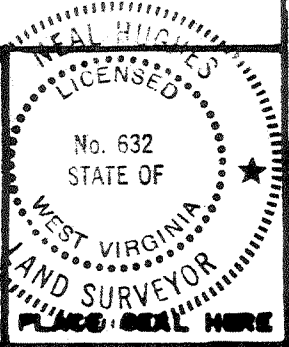
LATITUDE 39° 17' 30"
4250' SOUTH
11,550' WEST

LATITUDE 80° 37' 30"
80° 36'



FILE NO. K 605
 DRAWING NO. 1
 SCALE 1"=500'
 MINIMUM DEGREE OF ACCURACY 1/200
 PROVEN SOURCE OF ELEVATION BM 945

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) Neal Hughes
 R.P.E. _____ L.L.S. 632



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



DATE JAN 27, 1981
 OPERATOR'S WELL NO. 1455
 API WELL NO. 47-017-2970
 STATE COUNTY PERMIT

STATE OF WEST VIRGINIA
 DEPARTMENT OF MINES
 OIL AND GAS DIVISION

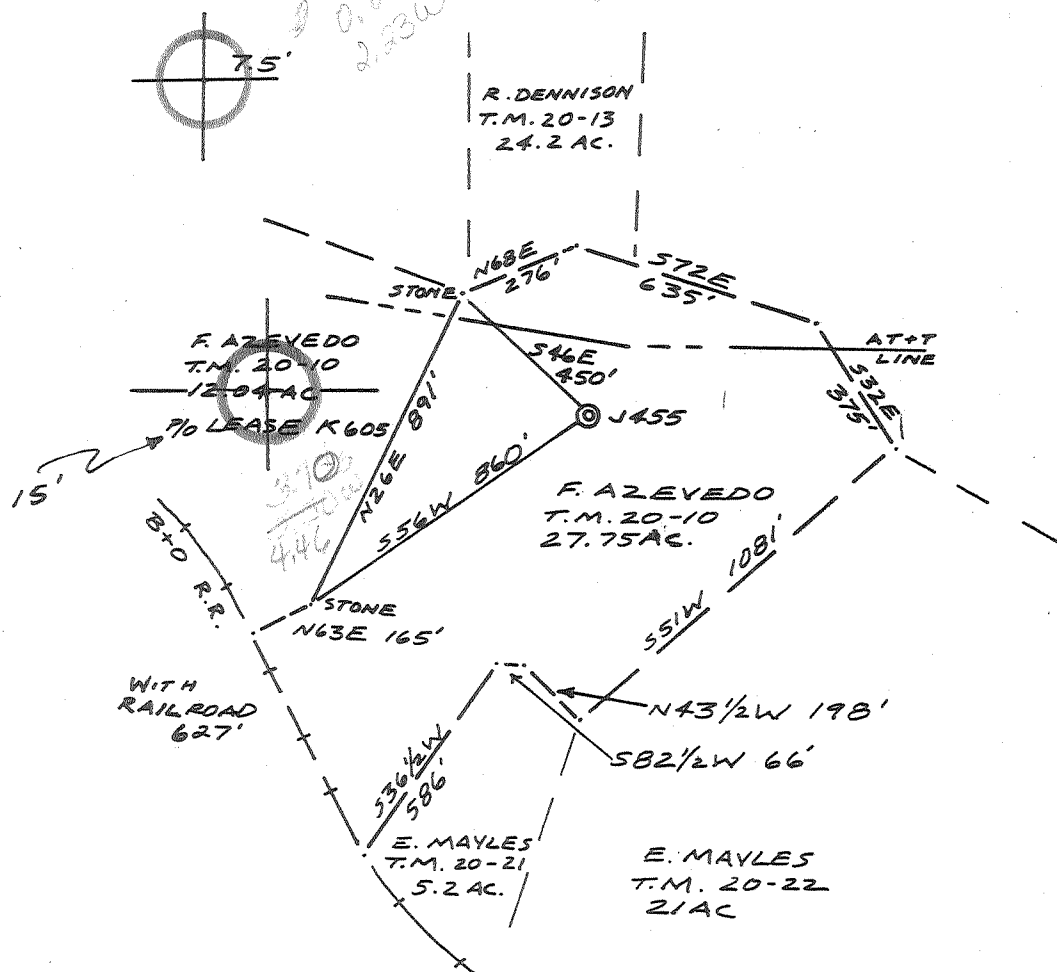
CANCELLED

WELL TYPE: OIL GAS LIQUID INJECTION _____ WASTE DISPOSAL _____
 (IF "GAS" PRODUCTION STORAGE _____ DEEP _____ SHALLOW _____
 LOCATION: ELEVATION 1160' WATER SHED BUCKEYE CREEK
 DISTRICT GRANT COUNTY PODDRIDGE
 QUADRANGLE SMITHBURG 75 C.P. 151
 SURFACE OWNER FRANK AZEVEDO ACREAGE 27.75
 OIL & GAS ROYALTY OWNER BEULAH NICHOLAS LEASE ACREAGE 41
 LEASE NO. K 605
 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 5450
 WELL OPERATOR JAT Enterprises Inc. DESIGNATED AGENT Al. Bennett
 ADDRESS Box 48 ADDRESS Box 48
Buckhannon WV Buckhannon WV.

MAY 20 1981

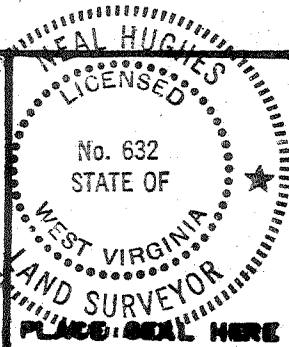
LATITUDE 39° 17' 30"
4250' SOUTH
11,550' WEST

LONGITUDE 80° 37' 30"
80° 36'



FILE NO. K605
 DRAWING NO. 1
 SCALE 1"=500'
 MINIMUM DEGREE OF ACCURACY 1/200
 PROVEN SOURCE OF ELEVATION BM 845

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) Neal Hughes
 R.P.E. _____ L.L.S. 632



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



DATE JAN 27, 19 81
 OPERATOR'S WELL NO. J455
 API WELL NO. 47-017-2970
 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 1160' WATER SHED BUCKEYE CREEK
 DISTRICT GRANT COUNTY DODDRIDGE
 QUADRANGLE SMITHBURG 7.5 Centerpoint
 SURFACE OWNER FRANK AZEVEDO ACREAGE 27.75
 OIL & GAS ROYALTY OWNER BEULAH NICHOLAS LEASE ACREAGE 41
 LEASE NO. K605
 PROPOSED WORK: DRILL CONVERT _____ DRILL DEEPER _____ REDRILL _____ FRACTURE OR STIMULATE PLUS OFF OLD FORMATION _____ PERFORATE NEW FORMATION _____ OTHER PHYSICAL CHANGE IN WELL (SPECIFY) _____
 PLUG AND ABANDON _____ CLEAN OUT AND REPLUG _____
 TARGET FORMATION Alexander ESTIMATED DEPTH 5450
 WELL OPERATOR J&T Enterprises, Inc. DESIGNATED AGENT H. Barnett
 ADDRESS Box 48 ADDRESS Box 48
Buckhannon W.V. Buckhannon W.V.

[08-78]

OIL AND GAS WELL PERMIT APPLICATION

Operator's Well No. J-455
API Well No. 47 - 017-2970
State County Perm

WELL TYPE: Oil ___ / Gas X /
(If "Gas", Production X / Underground storage ___ / Deep ___ / Shallow X /)
LOCATION: Elevation: 1160' Watershed: Buckeye Creek
District: Grant County: Doddridge Quadrangle: Smithburg 7.5'

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 Beulah Nicholas
Address Box 105
Salem, WV

COAL OPERATOR None
Address:

SURFACE OWNER Frank Azevedo
Address 1 Elizabeth Ave.
Kearney NJ 07032
Acreage 23.75

COAL OWNER(S) WITH DECLARATION ON RECORD:
Name Beulah Nicholas
Address Box 105
Salem, WV

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

COAL LESSEE WITH DECLARATION ON RECORD:
Name None
Address:
RECEIVED
FEB 11 1981

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

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 Oct 27, 1978, to the undersigned well operator from Key Oil Company

If said deed, lease, or other contract has been recorded:
Recorded on Oct. 29, 1979, in the office of the Clerk of the County Commission of Doddridge County, West Virginia, in Lease Book 111 at page 135. 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 obligation 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
ECOPHYSICAL LOSS DIRECTLY TO:
WEST VIRGINIA OIL AND GAS
CONSERVATION COMMISSION
605 WASHINGTON STREET EAST
CHARLESTON, WV 25301

BLANKET BOND

J&J Enterprises, Inc.
Well Operator

Peter Battles - Geologist

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, WV 26201

GEOLOGICAL TARGET FORMATION, Alexander

Estimated depth of completed well, 5450' feet Rotary -X- / Cable tools /

Approximate water strata depths: Fresh, 810' feet; salt, 1320' feet.

Approximate coal seam depths: None Is coal being mined in the area: Yes No X

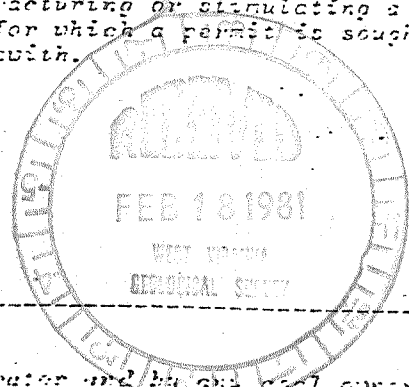
CASING AND TUBING PROGRAM

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
Conductor	11 3/4	H-40	42	X		30	0	0	Kinds
Fresh water	8 5/8	ERW	23	X		1380	1380	325 sks	
Coal	8 5/8	ERW	23	X		1380	1380	325 sks	Sizes
Intermediate									
Production	1 1/2	J-55	10.5	X		5400	5400	400 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 § 22-4-1a from the owner of any water well or drilling within 200 feet of the proposed well.

A separate Form IV-2 **WELL SITE** must be required for fracturing or stimulating a well when 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 10-13-81.



[Signature]
Deputy Director - Oil & Gas Division

The following waiver must be completed by the coal operator and by the 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