

L.C. HICKMAN TR.

(46/2) CO. RD.

LATITUDE 39° 15' 00"

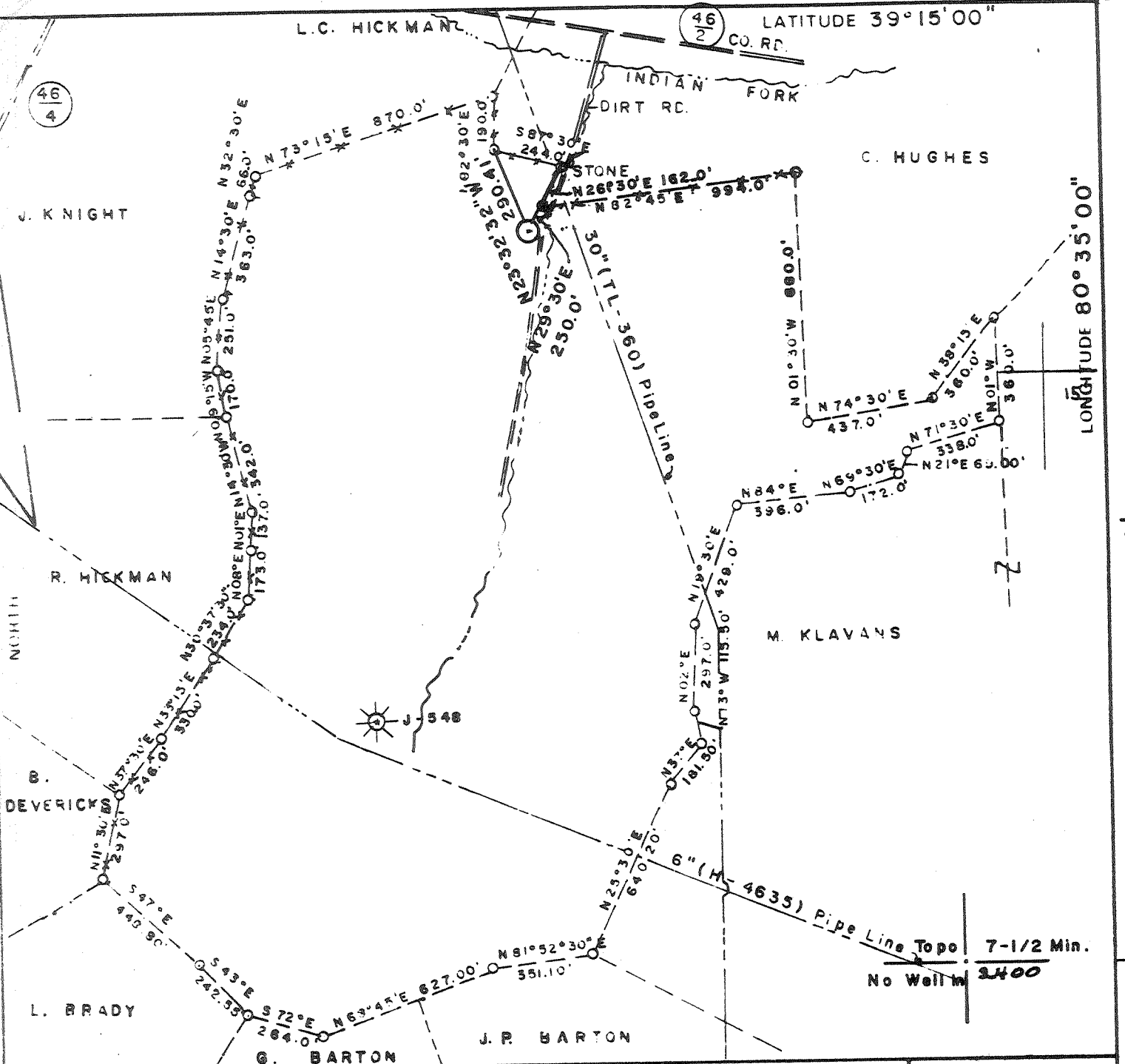
(46/4)

J. K NIGHT

INDIAN FORK DIRT RD.

C. HUGHES

LONGITUDE 80° 35' 00"



13,450'

81-871-K
 SCALE 1" = 500'
 MINIMUM ACCURACY 1/2500
 PROVEN SURFACE OF ELEVATION EL. 974.0 ON CO. RD. (46/2) AT CO. RD. (46/4) 2100' N.W. OF WELL SITE

THE UNDERSIGNED HEREBY CERTIFY THAT THIS PLAN 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: *Robert Giles*
 PIPE 5566 LLS

PLACE SEAL HERE

IDENTIFIES LOCATION OF WELL ON UNITED STATES TOPOGRAPHIC MAPS
 PERMIT NO. _____
 DATE _____
 OPERATOR'S WELL NO. _____
 API WELL NO. _____
 STATE COUNTY PERMIT
 Formerly: DOD- 3049

STATE OF WEST VIRGINIA
 DEPARTMENT OF MINES
 OIL AND GAS DIVISION

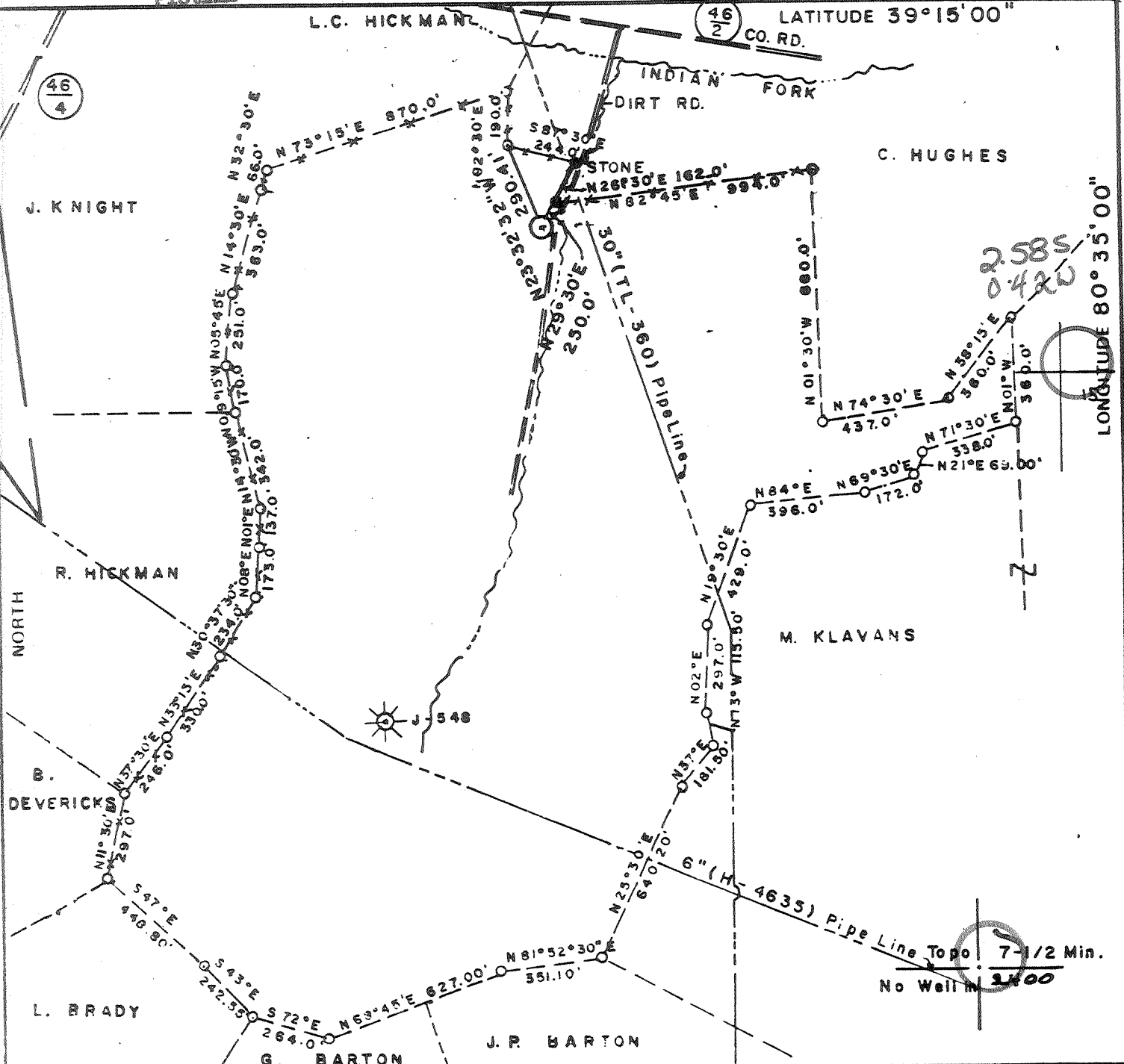
DATE FEB. 16 19 82
 OPERATOR'S WELL NO. J-547
 API WELL NO. 47 017 3092
 STATE COUNTY PERMIT
 Formerly: DOD- 3049

CANCELLED

WELL TYPE: GAS LIQUID INJECTION WASTE DISPOSAL
 GAS PRODUCTION STORAGE DEEP SHALLOW
 ELEVATION 1120.0' WATER SHED BUCKEYE CREEK
 DISTRICT GREENBRIER COUNTY DODDRIDGE
 QUADRANGLE BIG ISAAC
 WELL OWNER GEORGE SIMON ACREAGE 120
 LEASE OWNER HETTIE A. FREEMAN ET. AL. LEASE ACREAGE 120
 LEASE NO. M-430
 REASON FOR 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 5100
 WELL OPERATOR J & J ENTERPRISES INC. DESIGNATED AGENT HARRY L. BARNETT
 ADDRESS P.O. BOX 48 ADDRESS P.O. BOX 48
 BUCKANNON W. VA. 26201 BUCKANNON W. VA. 26201

APR 11 1983



PLAN NO. 81-871-K
 DRAWING NO. _____
 SCALE 1" = 500'
 MINIMUM DEGREE OF ACCURACY 1/2500
 PROVEN SOURCE OF ELEVATION EL. 974.0 ON CO. RD. (46/2) AT CO. RD. (46/4) 2100' N.W. OF WELL SITE

I, THE UNDERSIGNED, HEREBY CERTIFY THAT THIS PLAN 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: [Signature]
 RPE 5566 LLS _____

PLACE SEAL HERE

DENOTES LOCATION OF WELL ON UNITED STATES TOPOGRAPHIC MAPS
 FORM IV-6 (8-78)
 WELL TYPE: OIL _____ GAS LIQUID INJECTION _____ WASTE DISPOSAL _____
 IF GAS PRODUCTION STORAGE _____ DEEP _____ SHALLOW
 LOCATION: ELEVATION 1120.0' WATERSHED BUCKEYE CREEK
 DISTRICT GREENBRIER COUNTY DODDRIDGE
 QUADRANGLE BIG ISAAC Vad's 15' NC
 SURFACE OWNER GEORGE SIMON ACREAGE 120
 OIL & GAS ROYALTY OWNER HETTIE A. FREEMAN ET. AL. LEASE ACREAGE 120
 LEASE NO. M-430
 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 5100
 WELL OPERATOR J & J ENTERPRISES INC. DESIGNATED AGENT [Redacted]
 ADDRESS P.O. BOX 48 ADDRESS P.O. BOX 48
BUCKANNON W. VA. 26201 BUCKANNON W. VA. 26201

STATE OF WEST VIRGINIA
 DEPARTMENT OF MINES
 OIL AND GAS DIVISION

DATE FEB. 16 19 82
 OPERATOR'S WELL NO. J-547
 API WELL NO. 47 017 - 3092
 STATE COUNTY PERMIT Formerly: DoD- 3049

APR 16 1982



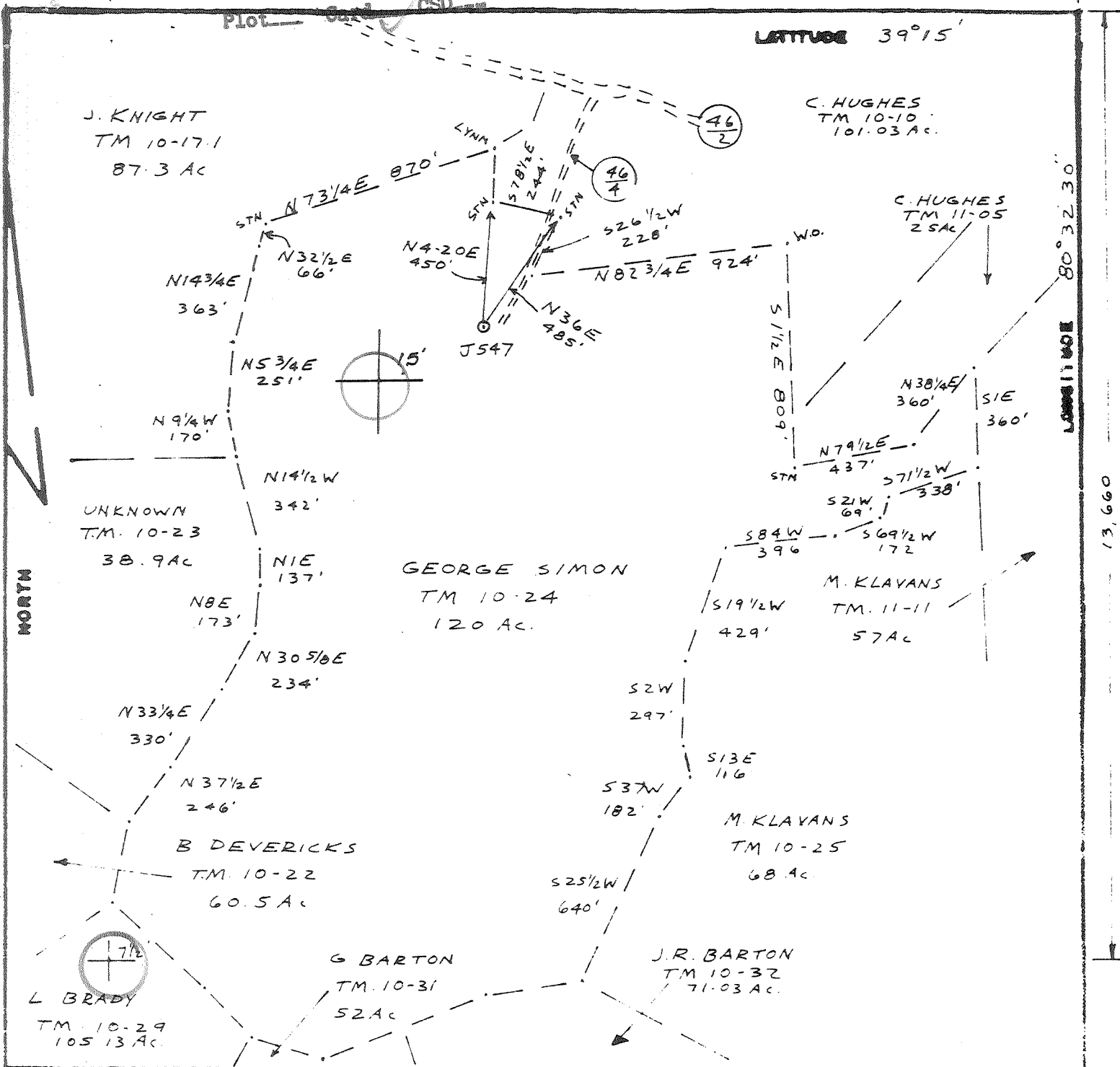
13,450'

LONGITUDE 80° 35' 00"

7

2.58S
0.42W

No Well in 7-1/2 Min. 2100



FILE NO. J-2
 DRAWING NO. 1
 SCALE 1" = 500'
 MINIMUM DEGREE OF ACCURACY 1/200
 PROVEN SOURCE OF ELEVATION 974' @ R.D.

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

PLACE SEAL HERE

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



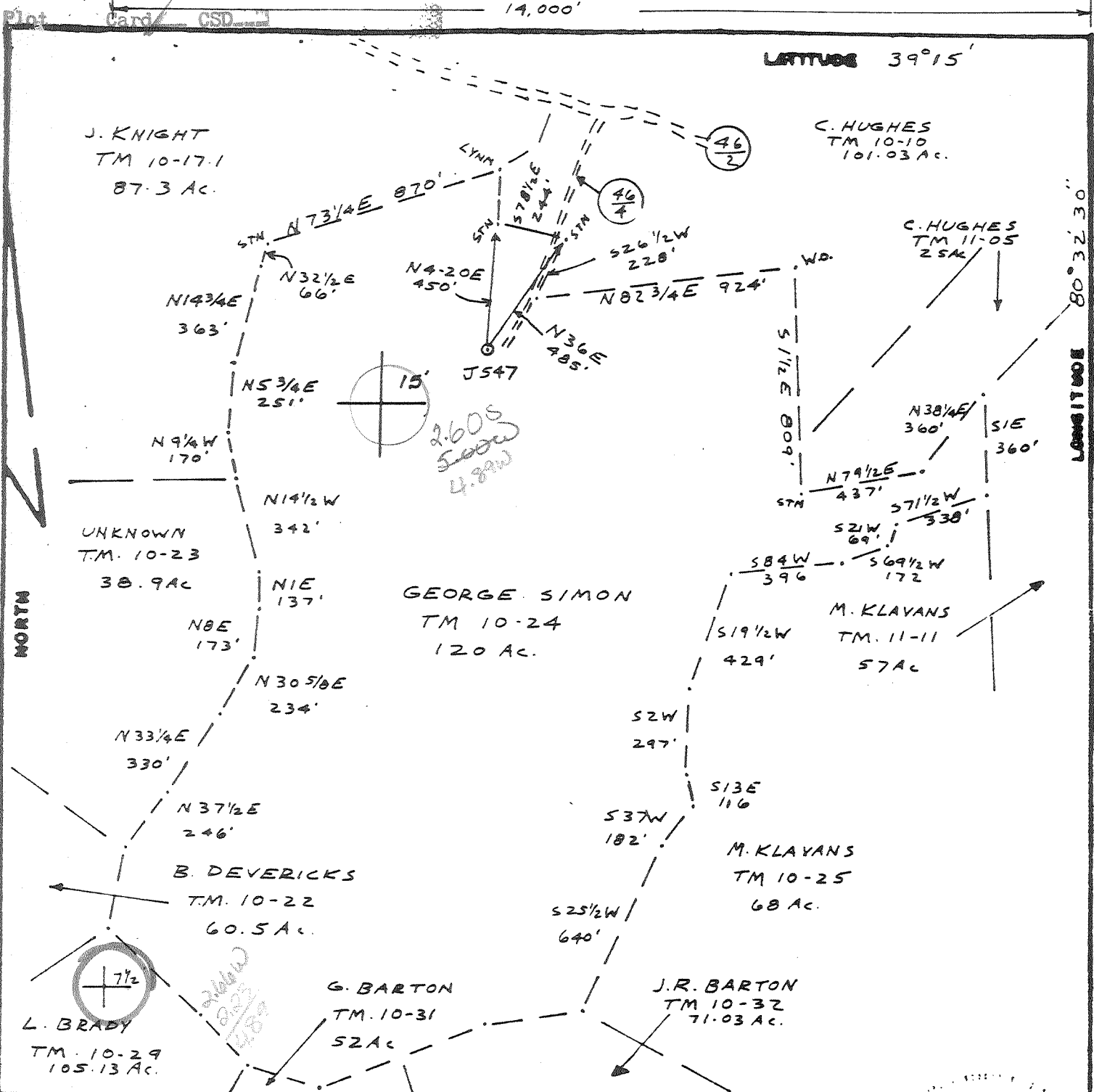
DATE SEPT 8 1981
 OPERATOR'S WELL NO. J547
 API WELL NO. 47-017-3049
 STATE COUNTY PERMIT

STATE OF WEST VIRGINIA
 DEPARTMENT OF MINES
 OIL AND GAS DIVISION

Cancelled
 See: DOD-3092

WELL TYPE: OIL GAS LIQUID INJECTION _____ WASTE DISPOSAL _____
 (IF "GAS", PRODUCTION _____ STORAGE _____ DEEP _____ SHALLOW _____)
 LOCATION: ELEVATION 1020 WATER SHED INDIAN FORK
 DISTRICT GREENBRIER COUNTY DODDRIDGE
 QUADRANGLE BIG ISAAC 7 1/2' Wades 15
 SURFACE OWNER GEORGE SIMON ACREAGE 120
 OIL & GAS ROYALTY OWNER HETTIE FREEMAN, ET AL LEASE ACREAGE _____
 LEASE NO. M 430
 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 REPIPS _____
 TARGET FORMATION Alexander ESTIMATED DEPTH 5600 APR 16 1982
 WELL OPERATOR J. J. Enterprises Inc. DESIGNATED AGENT James R. Willett
 ADDRESS P.O. Box 48 ADDRESS P.O. Box 48
Buckhannon, W.Va. 26201 Buckhannon, W.Va. 26201



FILE NO. J-1
 DRAWING NO. 1
 SCALE 1" = 500'
 MINIMUM DEGREE OF ACCURACY 1/200
 PROVEN SOURCE OF ELEVATION 974' @ RD

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 SEPT 8, 19 81
 OPERATOR'S WELL NO J547
 API WELL NO. 47-017-3049
 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 1020' WATER SHED INDIAN FORK
 DISTRICT GREENBRIER COUNTY DODDRIDGE
 QUADRANGLE BIG ISAAC 7 1/2' Vadis 15' NE
 SURFACE OWNER GEORGE SIMON ACREAGE 120
 OIL & GAS ROYALTY OWNER HETTIE FREEMAN, ET AL LEASE ACREAGE _____
 LEASE NO. M 430
 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 5600
 WELL OPERATOR J. & J. Enterprises Inc. DESIGNATED AGENT James R. Willett
 ADDRESS P.O. Box 48 ADDRESS P.O. Box 48
Buckhannon, W.Va. 26201 Buckhannon, W.Va. 26201

OCT 08 1981

[08-78]

OIL AND GAS WELL PERMIT APPLICATION

Operator's Well No. J-547
API Well No. 47 - 017 - 3049
State County Permit

WELL TYPE: Oil / Gas /
(If "Gas", Production / Underground storage / Deep / Shallow /)
LOCATION: Elevation: 1020 Watershed: Indian Fork
District: Greenbrier County: Doddridge Quadrangle: Big Isaac 7 1/2'

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

DESIGNATED AGENT James R. Willett
Address P.O. Box 48
Buckhannon, WV 26201

OIL & GAS
ROYALTY OWNER Hettie Freeman, etal
Address C/O Renie C. Freeman
1955 Hollis Street

COAL OPERATOR
Address

Acreage 120 Akron, Ohio 44305

COAL OWNER(S) WITH DECLARATION ON RECORD:

SURFACE OWNER George Simon
Address Box 272
Pine Grove, W.Va. 26419
Acreage 120

Name Willis Tetrick, Jr.
Address Union National Bank Center
Clarksburg, WV 26301

FIELD SALE (IF MADE) TO:
Name Unknown

Address

RECEIVED

SEP 11 1981

Address

COAL LESSEE WITH DECLARATION ON RECORD:

OIL & GAS INSPECTOR TO BE NOTIFIED
Name Stephen Casey
Address Rt. # 2, Box 232-D
Jane Lew, WV 26378

Name Consolidation Coal Co.
Address Rts. 4 & 119
Morgantown, WV 26505

The undersigned well operator is entitled to operate for oil or gas purposes at the above location under a deed / lease / other contract / dated 8/27, 1980, to the undersigned well operator from Clarence W. Mutschelknaus

If said deed, lease, or other contract has been recorded:]
Recorded on 9/10, 1980, in the office of the Clerk of the County Commission of Doddridge County, West Virginia, in Oil & Gas Lease Book 117 at page 104. 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 hereof.

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 SUBMIT COPIES OF ALL GEOLOGICAL LOGS DIRECTLY TO:
WEST VIRGINIA OIL AND GAS CONSERVATION COMMISSION
515 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 Company
Address P.O. Box 48
Buckhannon, WV 26201

GEOLOGICAL TARGET FORMATION, Alexander

Estimated depth of completed well, 5600 feet Rotary / Cable tools /

Approximate water strata depths: Fresh, 150 feet; salt, 825 feet.

Approximate coal seam depths: None 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	11 ³ / ₄	H-40	42	x		30	0	0 sks.	Kinds
Fresh water	8 ⁵ / ₈	ERW	23	x		1400	1400	475 sks.	} CTS Sizes
Coal	8 ⁵ / ₈	ERW	23	x		1400	1400	475 sks.	
Intermediate									
Production	4 ¹ / ₂	J-55	10.5	x		5550	5550	275 555 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 5-26-82.

Fred B. [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.

Date: _____, 19____

By _____
Its _____

[08-78]

OIL AND GAS WELL PERMIT APPLICATION

Operator's Well No. J-547 API Well No. 47-017-3092 State County Permit

WELL TYPE: Oil / Gas x (If "Gas", Production x / Underground storage / Deep / Shallow x /) LOCATION: Elevation: 1120 Watershed: Buckeye Creek District: Greenbrier County: Doddridge Quadrangle: Big Isaac

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

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

LAND & GAS LEASED PARTY OWNER Hettie A. Freeman Et Al Address C/O Roland Freeman 233 Foley St. Bridgeport, WV 26330 Acreage 120

COAL OPERATOR None Address

COAL SURFACE OWNER George Simon Address C/O Daniel L. Herron Rt. # 1, Box 117-A Mt. Clare, WV 26408 Acreage 120

COAL OWNER(S) WITH DECLARATION ON RECORD: Name Willis Tetrick, Jr. Address Union National Bank Center Clarksburg, WV 26301

PREVIOUS LEASE SALE (IF MADE) TO: Unknown Address

Name Address

RECEIVED

COAL LESSEE WITH DECLARATION ON RECORD: Name MAR 15 1982 Address OIL AND GAS DIVISION WV DEPARTMENT OF MINES

LAND & GAS INSPECTOR TO BE NOTIFIED: Stephen Casey Address Rt. # 2, Box 232-D Jane Lew, WV 26378

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 12/4, 1979, to the undersigned well operator from Clarence W. Mutschelknaus

... (paid deed, lease, or other contract has been recorded): ... 4/7, 1980, in the office of the Clerk of the County Commission of Doddridge County, West Virginia, in Oil & Gas Lease 114 at page 242. A permit is requested for the following 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 ... (to make or are required to make by Code § 17-2-1) shall 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 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 PHYSICAL LOGS DIRECTLY TO: WEST VIRGINIA OIL AND GAS CONSERVATION COMMISSION 5 WASHINGTON STREET EAST CHARLESTON, WV 25311 TELEPHONE: (304) 348-3092

BLANKET BOND

J & J Enterprises, Inc. Well Operator By Peter Battles 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 Company
Address P.O. Box 48
Buckhannon, WV 26201

GEOLOGICAL TARGET FORMATION, Alexander

Estimated depth of completed well, 5100 Feet Rotary x _____

Approximate water strata depths: Fresh, 200 Feet; salt, 0 Feet.

Approximate coal seam depths: 250 Is coal being mined in the area _____ x

CASING AND TUBING PROGRAM

CASING OR TUBING TYPE	SPECIFICATIONS					FOOTAGE INTERVALS		CEMENT FILL-UP OR SACKS (Cubic feet)	REMARKS
	Size	Grade	Weight per ft	New	Used	For drilling	Left in well		
Conductor	11 3/4	H-40	42	x		30	0	0 sks.	None
Fresh water	8 5/8	ERW	23	x		1400	1400	To surface	
Coal	8 5/8	ERW	23	x		1400	1400	To surface	None
Intermediate									
Production	4 1/2	J-55	10.5	x		5050	5050	275 sks.	Deaths per
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 33, (iv) unless previously paid on the same well, the fee required by Code § 22-4-12c, and (v) if applicable, the consent required by Code § 22-4-8a from the owner of any water well or drilling 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 this permit is such as on the Form IV-2 filed in connection therewith.

ALL PROVISIONS BEING IN ACCORDANCE WITH CHAPTER 22,
ARTICLE 4 OF THE W. VA. CODE, THE LOCATION IS HEREBY
APPROVED FOR drilling. THIS PERMIT SHALL EXPIRE
IF OPERATIONS HAVE NOT COMMENCED BY 11-30-82
BY [Signature]

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.

Date: _____, 19____

By _____
Its _____