

5740 West

LATITUDE 39° 15'

LONGITUDE 80° 35'

JUDSON RANDOLPH  
80 Ac.

12 5/8 Ac.

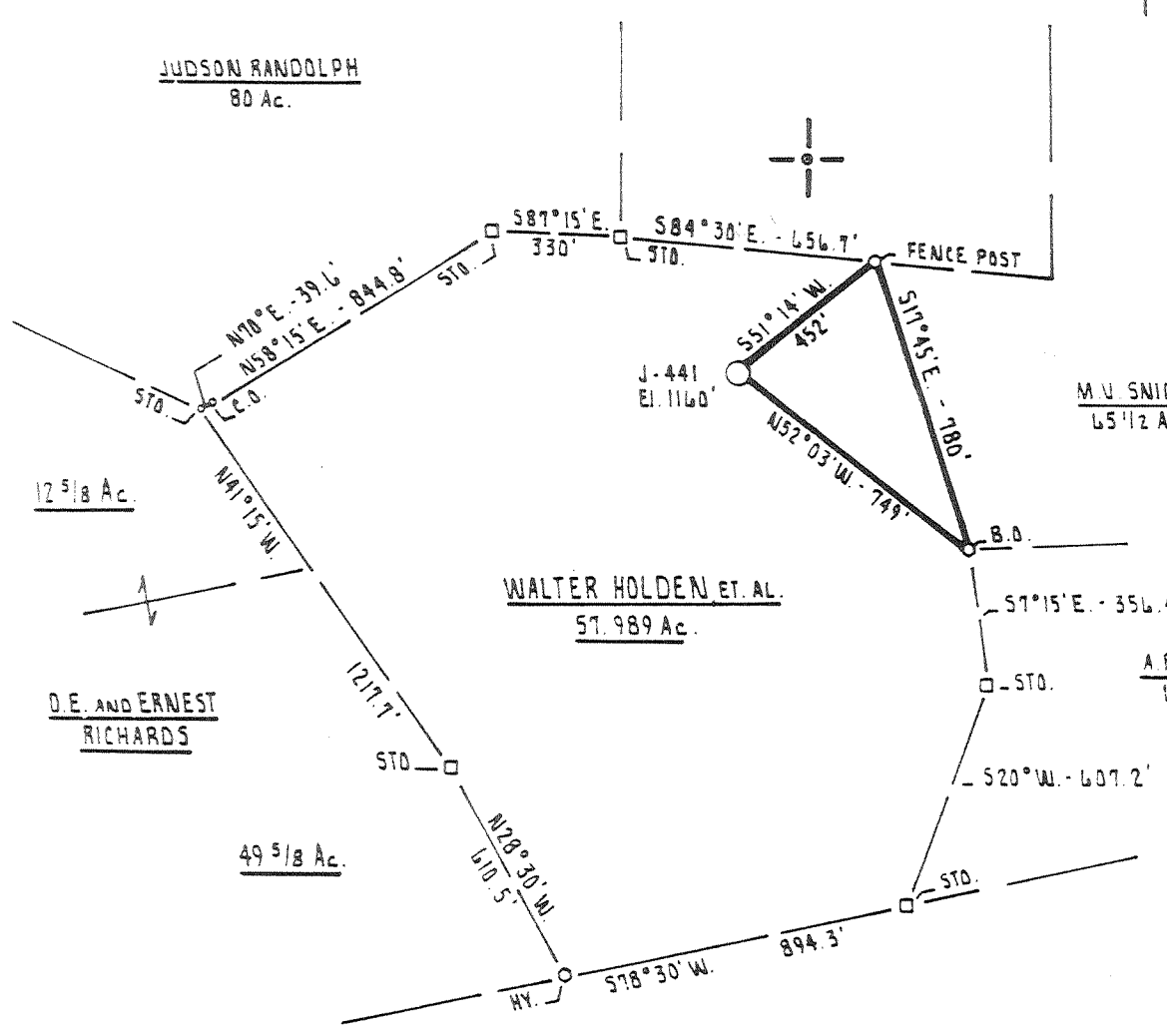
D. E. AND ERNEST  
RICHARDS

49 5/8 Ac.

WALTER HOLDEN ET. AL.  
57.989 Ac.

M. V. SNIDER  
65 1/2 Ac.

A. B. MARTIN  
67 1/8 Ac.



FILE NO. \_\_\_\_\_  
 DRAWING NO. \_\_\_\_\_  
 SCALE 1" = 500'  
 MINIMUM DEGREE OF ACCURACY 1 PART IN 200  
 PROVEN SOURCE OF ELEVATION ROAD INTERSECTION  
 RTS. 15 AND 15 ELEVATION 900'

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) Cecil R. Main  
 R.P.E. \_\_\_\_\_ L.L.S. 711

PLACE SEAL HERE

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



DATE JANUARY 28<sup>th</sup>, 19 81  
 OPERATOR'S WELL NO. J-441  
 API WELL NO. \_\_\_\_\_  
 47 - 017 - 2974  
 STATE COUNTY PERMIT

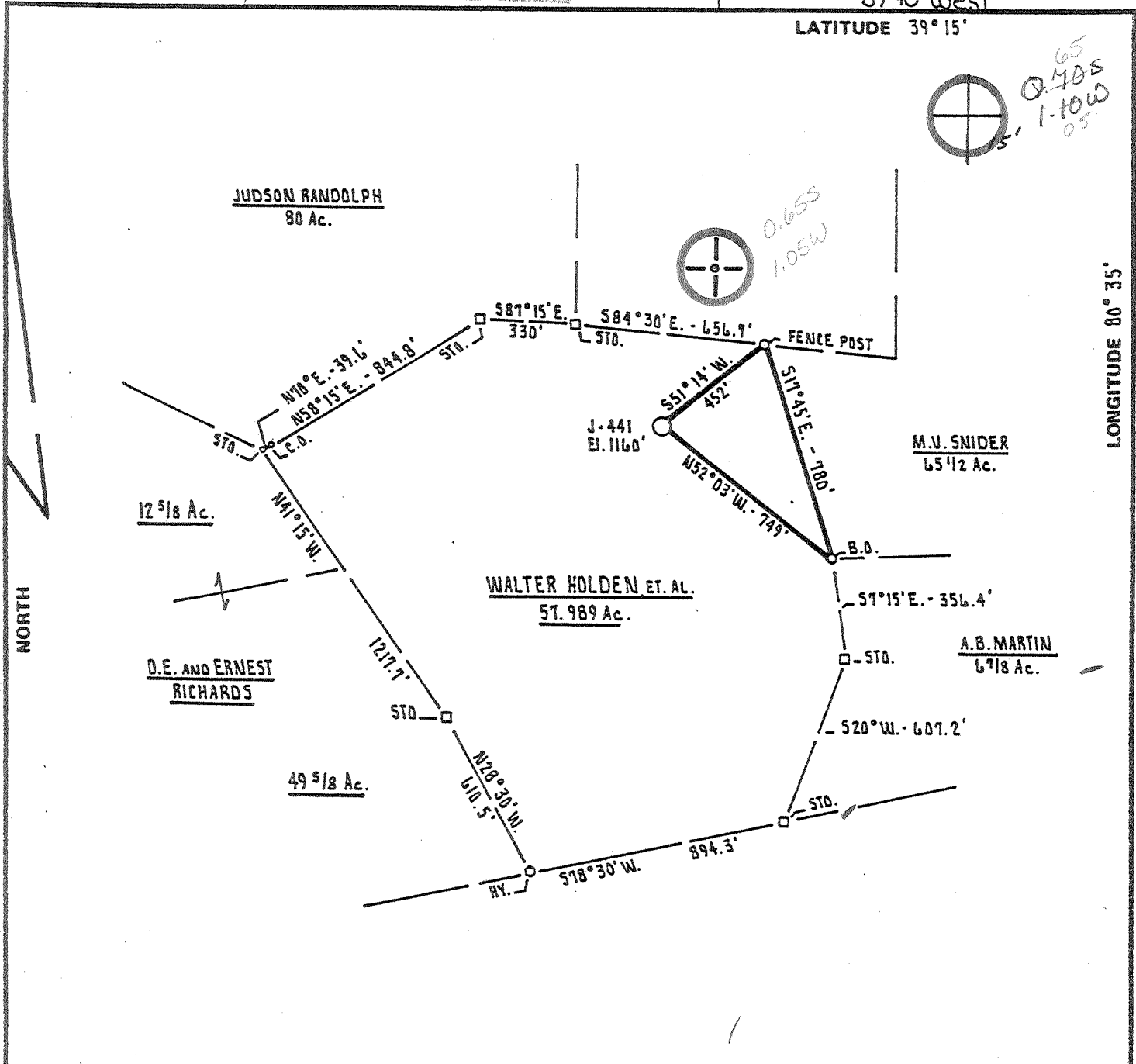
STATE OF WEST VIRGINIA  
 DEPARTMENT OF MINES  
 OIL AND GAS DIVISION

CANCELLED.

WELL TYPE: OIL \_\_\_ GAS X LIQUID INJECTION \_\_\_ WASTE DISPOSAL \_\_\_  
 (IF "GAS,") PRODUCTION X STORAGE \_\_\_ DEEP \_\_\_ SHALLOW X  
 LOCATION: ELEVATION 1160' WATER SHED BUCKEYE CREEK  
 DISTRICT GREENBRIER COUNTY DODDRIDGE  
 QUADRANGLE BIG ISAAC T.5  
 SURFACE OWNER RICHARD E. AND JUDITH H. JONES ACREAGE 57.989 Ac.  
 OIL & GAS ROYALTY OWNER WALTER HOLDEN, ET AL. LEASE ACREAGE 57.989 Ac.  
 LEASE NO. M-454  
 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 5400'  
 WELL OPERATOR J and J ENTERPRISES, INC. DESIGNATED AGENT HARRY BARNETT  
 ADDRESS P.O. BOX 48 ADDRESS P.O. BOX 48  
 BUCKHANNON, WEST VIRGINIA 26201 BUCKHANNON, WEST VIRGINIA 26201

MAY 21 1984



FILE NO. \_\_\_\_\_  
 DRAWING NO. \_\_\_\_\_  
 SCALE 1" = 500'  
 MINIMUM DEGREE OF ACCURACY 1 PART IN 200  
 PROVEN SOURCE OF ELEVATION ROAD INTERSECTION  
RTS. 15 AND 11 ELEVATION 900'

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) Cecil R. Main  
 R.P.E. \_\_\_\_\_ L.L.S. 711

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 FORM IV-6 (8-78)



DATE JANUARY 28<sup>th</sup>, 19 81  
 OPERATOR'S WELL NO. J-441  
 API WELL NO. \_\_\_\_\_  
47 - 017 - 2974  
 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 GREENBRIER COUNTY DODDRIDGE  
 QUADRANGLE BIG ISAAC T.S Varde's 5' NC  
 SURFACE OWNER RICHARD E. AND JUDITH H. JONES ACREAGE 57.989 Ac.  
 OIL & GAS ROYALTY OWNER WALTER HOLDEN, ET. AL. LEASE ACREAGE 57.989 Ac.  
 LEASE NO. M-454

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 J. and J. ENTERPRISES, INC. DESIGNATED AGENT HARRY BARNETT  
 ADDRESS P.O. BOX 48 BUCKHANNON, WEST VIRGINIA 26201 ADDRESS P.O. BOX 48 BUCKHANNON, WEST VIRGINIA 26201

[08-78]

OIL AND GAS WELL PERMIT APPLICATION

Operator's Well No. J-441 API Well No. 47-017-2974 State County Perm

WELL TYPE: Oil / Gas X / (If "Gas", Production X / Underground storage / Deep / Shallow X /) LOCATION: Elevation: 1160' Watershed: Buckeye Creek District: Greenbrier County: Doddridge Quadrangle: Big Issac 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 Ed Orr Address P.O. Box 624 Tampa, Fl Acreage 57.989 Ac.

COAL OPERATOR Address

SURFACE OWNER Richard E. and Judith H. Jones Address 54-1 Dundee Drive Minott A.F.B. N.D. 58704 Acreage 57.989

COAL OWNER(S) WITH DECLARATION ON RECORD: Willis G. Tetrick Jr. Address Maxwell Y Sutton & Union National Bank of Clarksburg, Trustees Address Clarksburg, WV 26301

FIELD SALE (IF MADE) TO: Name unknown Address

COAL LESSEE WITH DECLARATION ON RECORD: Name Address RECEIVED FEB - 6 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 / other contract X / dated Sept. 6, 1979, to the undersigned well operator from Ed Orr [If said deed, lease, or other contract has been recorded:]

Recorded on Oct. 30, 1979, in the office of the Clerk of the County Commission of Doddridge County, West Virginia, in Lease Book 112 at page 146. 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 5 22-5-3 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 1614 WASHINGTON STREET EAST CHARLESTON, WV 25301

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, 5400 feet - Rotary -X- / Cable tools /

Approximate water strata depths: Fresh, 80 feet; salt, 1000 feet.

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

CASING AND TUBING PROGRAM

Table with columns: CASING OR TUBING TYPE, SPECIFICATIONS (Size, Grade, Weight, New, Used), FOOTAGE INTERVALS (For drilling, Left in well), CEMENT FILL-UP OR SACKS (Cubic feet), PACKERS (Kinds, Sizes, Depths set, 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 § 22-4-2a 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 is not a PERMIT 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 10-18-81

[Signature] Deputy Director - Oil & Gas Division

The following owner must be notified 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:

RECIPIENTS

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