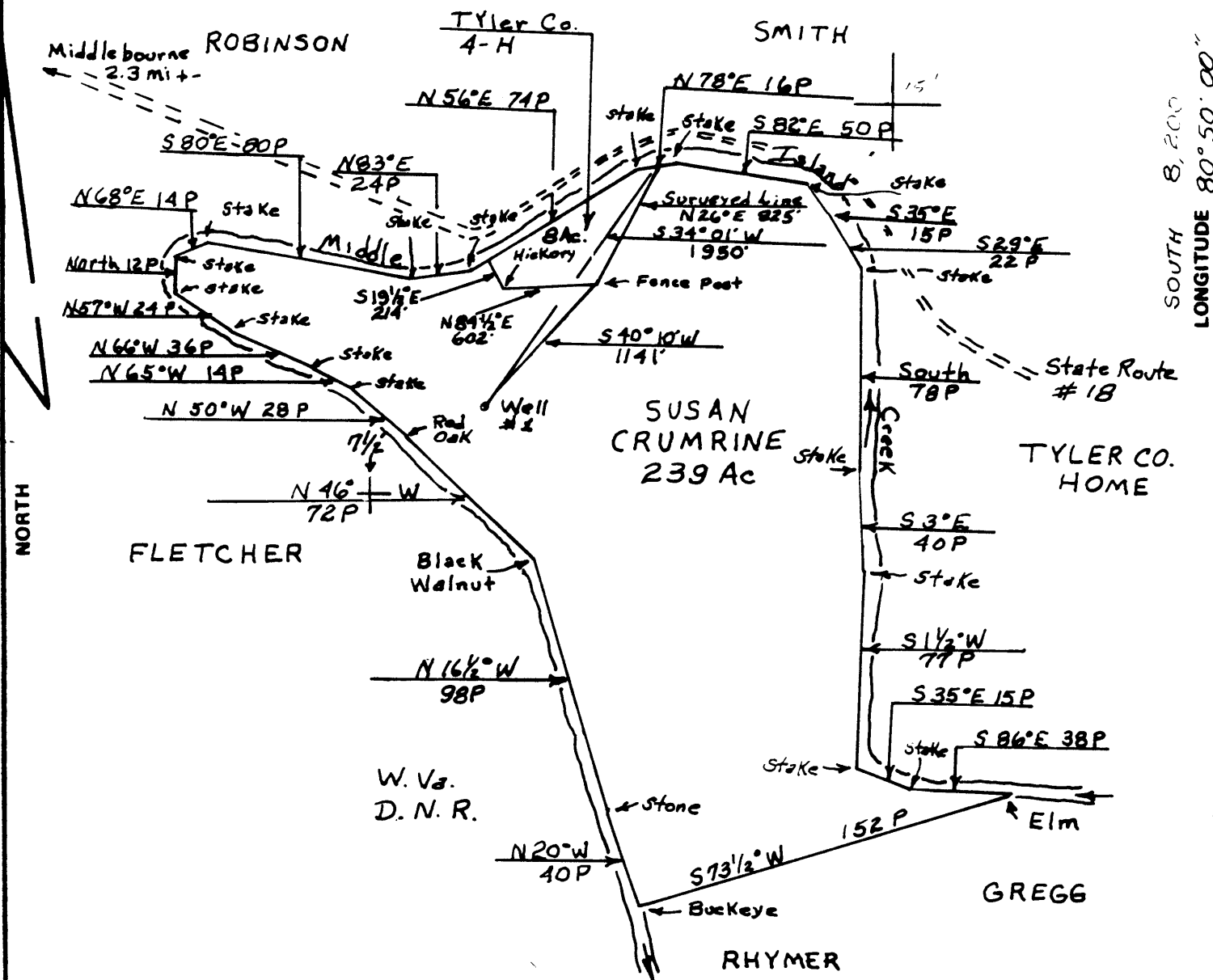


Plot Card CSD



Surface 4-H excepted

FILE NO. _____
 DRAWING NO. _____
 SCALE 1" = 1000'
 MINIMUM DEGREE OF ACCURACY 1:200
 PROVEN SOURCE OF ELEVATION B.M. 697, Head-Wall, Culvert, S.R. #18

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) William F. Woodson
 R.P.E. 5404 L.L.S. _____

PLACE SEAL HERE

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



DATE OCTOBER 19, 1981
 OPERATOR'S WELL NO. #1
 API WELL NO. 47-095-0960
 STATE COUNTY PERMIT

STATE OF WEST VIRGINIA
 DEPARTMENT OF MINES
 OIL AND GAS DIVISION

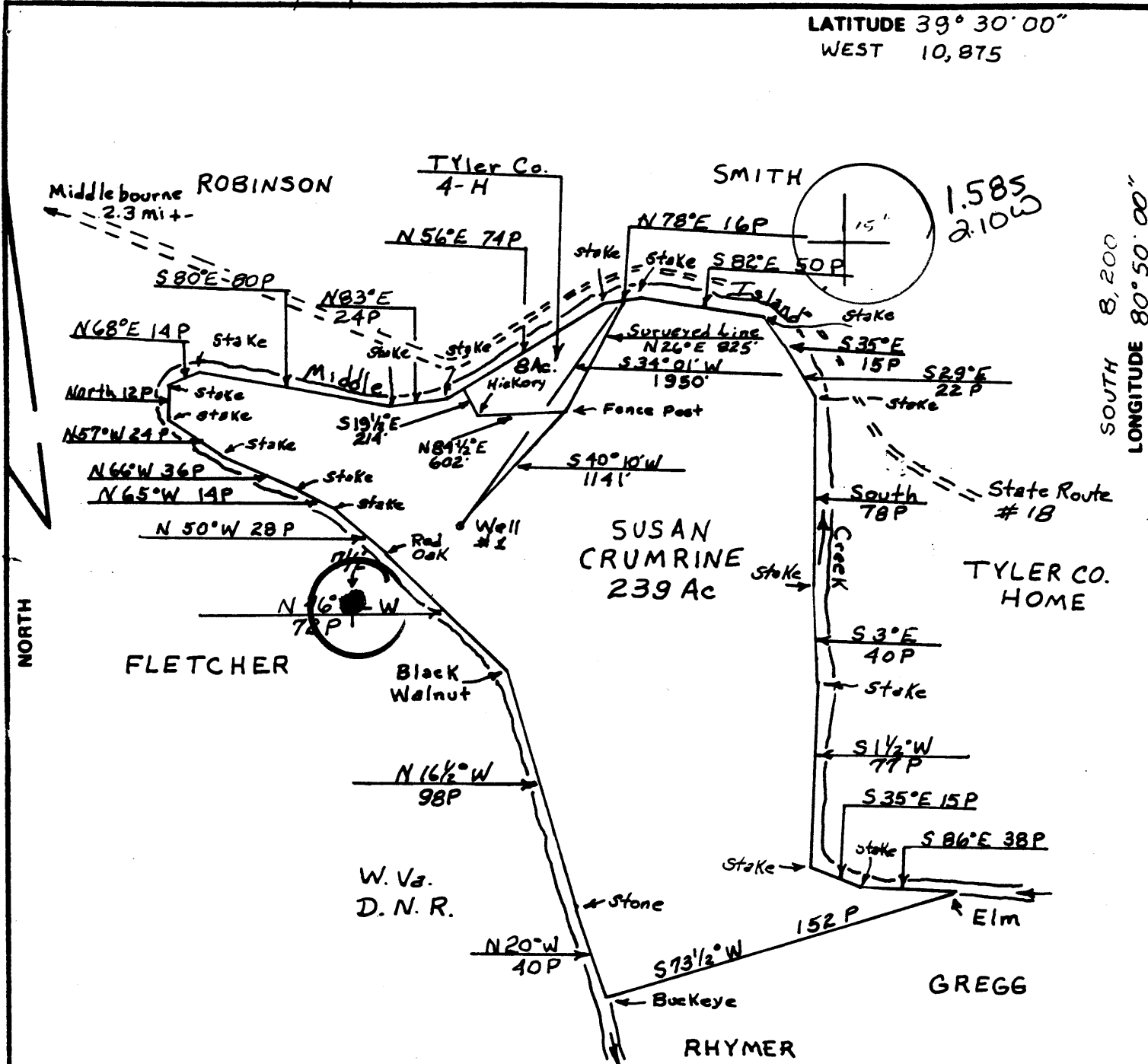
Cancelled

WELL TYPE: OIL ___ GAS ___ LIQUID INJECTION ___ WASTE DISPOSAL ___
 (IF "GAS,") PRODUCTION ___ STORAGE ___ DEEP ___ SHALLOW ___
 LOCATION: ELEVATION 825 WATER SHED MIDDLE ISLAND CREEK
 DISTRICT ELLSWORTH COUNTY TYLER
 QUADRANGLE SHIRLEY
 SURFACE OWNER SUSAN CRUMRINE ACREAGE 231 Ac.
 OIL & GAS ROYALTY OWNER SUSAN CRUMRINE LEASE ACREAGE 239 Ac.
 LEASE NO. _____
 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 DEVONIAN - KAGE ESTIMATED DEPTH 5,790'
 WELL OPERATOR Klondike Development DESIGNATED AGENT FRANK E. PETHRE
 ADDRESS P.O. Box 11 4841 ADDRESS 417 1/2 SECOND STREET
Middlebourne, WV 26149 St. Marys, WV 26170

FEB 27 1984

LATITUDE 39° 30' 00"
WEST 10,875



Surface 4-H excepted

FILE NO. _____
DRAWING NO. _____
SCALE 1" = 1000'
MINIMUM DEGREE OF ACCURACY 1:200
PROVEN SOURCE OF ELEVATION B.M. 697, Head-Wall, Culvert, S.R. #18

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) [Signature]
R.P.E. 77 L.L.S. _____

PLACE SEAL HERE

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



DATE OCTOBER 19, 1981
OPERATOR'S WELL NO. #1
API WELL NO. _____
47 - 095 - 0960
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 825 WATER SHED MIDDLE ISLAND CREEK
DISTRICT ELLSWORTH COUNTY TYLER
QUADRANGLE SHIRLEY West Union 15' NC
SURFACE OWNER SUSAN CRUMRINE ACREAGE 231 Ac.
OIL & GAS ROYALTY OWNER SUSAN CRUMRINE LEASE ACREAGE 239 Ac.
LEASE NO. _____
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 DEVONIAN - GADE ESTIMATED DEPTH 5396'
WELL OPERATOR KIONDINE DEVELOPMENT DESIGNATED AGENT FRANK E. BETHEA
ADDRESS P.O. Box 4 Middlebourne, WV 26149 ADDRESS 417 1/2 SECOND STREET Middlebourne, WV 26149

NOV 16 1981

(Obverse)

(Revised 3-81)



Farm Susan Crumrine
API 747 - 095 - 0960
Date October 23, 1981

STATE OF WEST VIRGINIA
OFFICE OF OIL AND GAS - DEPARTMENT OF MINES

OIL AND GAS WELL PERMIT APPLICATION

WELL TYPE: Oil XX / Gas XX /

(If "Gas", Production XX / Underground storage ___ / Deep XX / Shallow ___ /

LOCATION: Elevation: 825' Watershed: Middle Island Creek
District: Ellsworth County: Tyler Quadrangle: Shirley

WELL OPERATOR Klondike Development Corp.
Address P.O. Box 11
Middlebourne, WV 26149

DESIGNATED AGENT Frank E. Pethtel
Address 417 1/2 Second Street
St. Marys, WV 26170

OIL AND GAS

ROYALTY OWNER Susan Crumrine
Address Middlebourne, WV 26149

COAL OPERATOR None
Address None

Acreage 231

COAL OWNER(S) WITH DECLARATION ON RECORD:
NAME None
Address _____

SURFACE OWNER Same
Address _____

NAME _____
Address _____

Acreage _____

FIELD SALE (IF MADE) TO:
NAME _____
Address _____

COAL LESSEE WITH DECLARATION ON RECORD:
NAME None
Address _____

OIL AND GAS INSPECTOR TO BE NOTIFIED:

NAME Mr. Phillip Tracey
Address Middlebourne, WV 26149
Telephone 304-758-4573

RECEIVED

OCT 29 1981

OIL AND GAS DIVISION
WV DEPARTMENT OF MINES

The undersigned well operator is entitled to operate for oil or gas purposes at the above location under a deed ___ / lease XX / other contract ___ / dated 11-5, 1980, to the undersigned well operator from Susan Crumrine.

(If said deed, lease, or other contract has been recorded:)

Recorded on 10-5-, 1981, in the office of the Clerk of County Commission of

Tyler County, West Virginia, in Deed (233) Book at page 642. A permit is requested as follows:

PROPOSED WORK: Drill XX / 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 receipt of this Application by the Dept. 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 lessees on or before the day of the mailing or delivery of this 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
1613 WASHINGTON ST., E.
CHARLESTON, WV 25311
Telephone - 304/348-3092

BLANKET BOND

Klondike Development Corporation
Well Operator

By: Frank E. Pethtel

Its: Vice President

(Revised 3-81)

(18-652) (v. 8)

PROPOSED WORK ORDER

**THIS IS AN ESTIMATE ONLY:
ACTUAL INFORMATION MUST BE SUBMITTED ON FORM IV-35 UPON COMPLETION**

DRILLING CONTRACTOR (IF KNOWN) WINGARD LITHO PAAP MAILED

Address _____

GEOLOGICAL TARGET FORMATION Middle Devonian (Kane)

Estimated depth of completed well 5,990 feet. Rotary XX / Cable tools /

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

Approximate coal seam depths:

Is coal being mined in this area: Yes / No XX

CASING AND TUBING PROGRAM

CASING OR TUBING TYPE	SPECIFICATIONS					FOOTAGE INTERVALS		CEMENT FILL UP OR SACKS Cubic ft.	PACKERS
	Size	Grade	Weight per ft	New	Used	For Drilling	Left in Well		
Conductor	16"	H40	38lbs		XX	20'			Kinds
Fresh water									
Coal									Sizes
Intermed.	8 5/8	H42	23lbs	XX			925'	To surf.	
Production	4 1/2"	J55	10 1/2 lbs	XX			5990	670 sacks	Depths set
Tubing	2"	erw	4.7lbs	XX			5990		
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.

THIS PERMIT MUST BE POSTED AT THE WELL SITE

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 6-30-82.

Fred B. Bechtel
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: _____