

FILE NO. _____
 DRAWING NO. _____
 SCALE **1"=500'**
 MINIMUM DEGREE OF ACCURACY **1:200**
 PROVEN SOURCE OF ELEVATION **RD. INT. ELEV.**
592'

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 R. Plasse*
 R.P.E. _____ L.L.S. **551**

PLACE SEAL HERE

(+) DENOTES LOCATION OF WELL ON UNITED STATES TOPOGRAPHIC MAPS

FORM IV-6
(8-78)



DATE **18 DECEMBER**, 19 **81**
 OPERATOR'S WELL NO. **BKK #49**
 API WELL NO. _____
47 - **107** - **1219**
 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

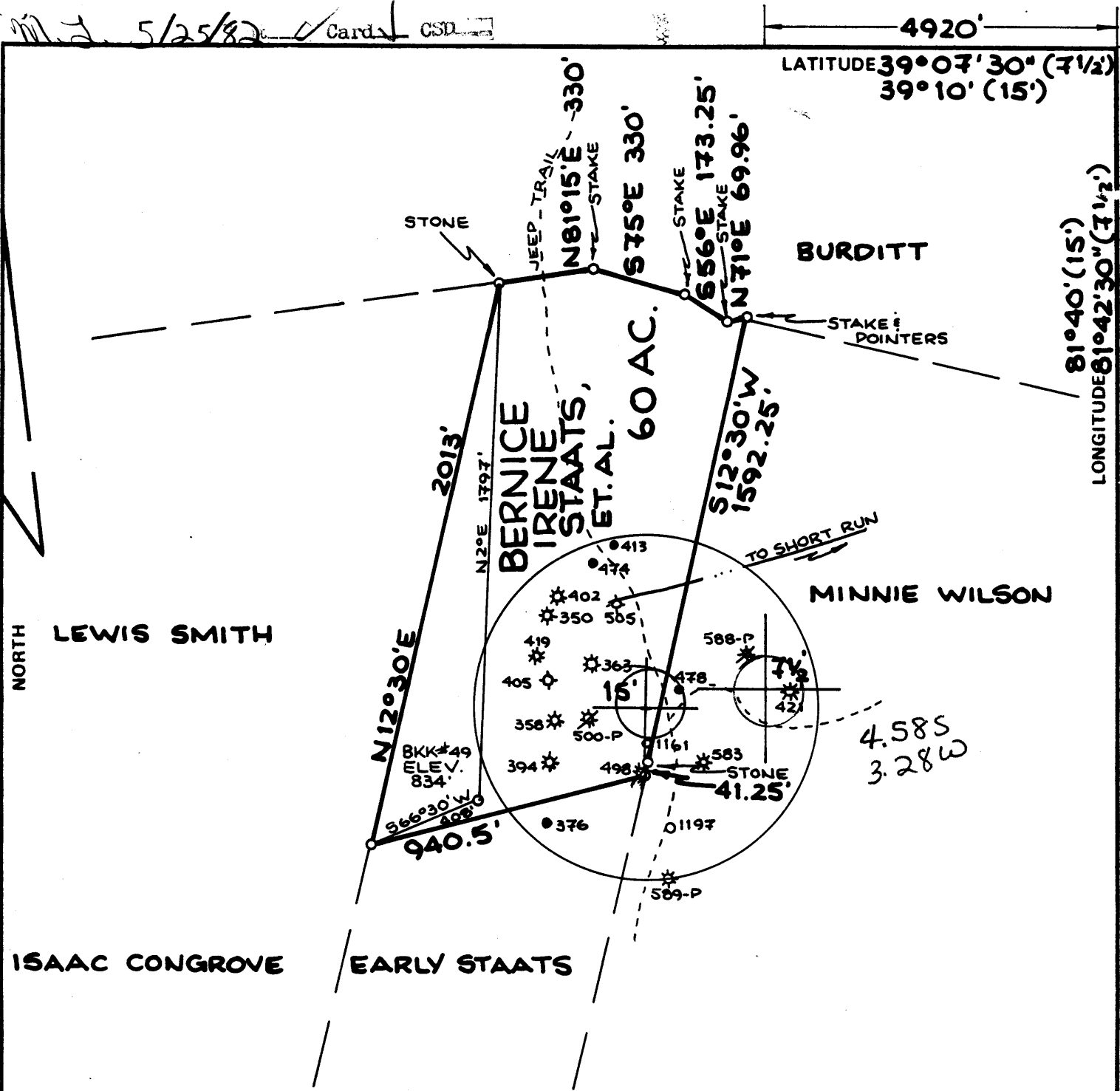
LOCATION: ELEVATION **834'** WATER SHED **POND CREEK**
 DISTRICT **HARRIS** COUNTY **WOOD**
 QUADRANGLE **POND CREEK 7 1/2' QUAD.**

SURFACE OWNER **BERNICE IRENE STAATS, ET. AL.** ACREAGE **33**
 OIL & GAS ROYALTY OWNER **BERNICE IRENE STAATS, ET. AL.** LEASE ACREAGE **60**
 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) _____

OCT 1 1984

PLUG AND ABANDON _____ CLEAN OUT AND REPLUG _____
 TARGET FORMATION **OHIO SHALE** ESTIMATED DEPTH **4000'**
 WELL OPERATOR **BKK PROSPECTING** DESIGNATED AGENT **JOHN GRAHAM**
 ADDRESS **45 NORTH ROAD** ADDRESS **209 SECOND STREET**
NILES, OHIO 44446 **ST. MARYS, W.VA. 26170**



FILE NO. _____
DRAWING NO. _____
SCALE **1"=500'**
MINIMUM DEGREE OF ACCURACY **1:200**
PROVEN SOURCE OF ELEVATION **RD. INT. ELEV. 592'**

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 R. Plasse*
R.P.E. _____ L.L.S. **551**

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 **834'** WATER SHED **POND CREEK**
DISTRICT **HARRIS** COUNTY **WOOD**
QUADRANGLE **POND CREEK 7 1/2' QUAD. Belleville 15' WC**

SURFACE OWNER **BERNICE IRENE STAATS, ET. AL.** ACREAGE **33**
OIL & GAS ROYALTY OWNER **BERNICE IRENE STAATS, ET. AL.** LEASE ACREAGE **60**
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 **OHIO SHALE** ESTIMATED DEPTH **4000'**

WELL OPERATOR **BKK PROSPECTING** DESIGNATED AGENT **JOHN GRAHAM**
ADDRESS **45 NORTH ROAD NILES, OHIO 44446** ADDRESS **209 SECOND STREET ST. MARYS, W.VA. 26170**

STATE OF WEST VIRGINIA DEPARTMENT OF MINES OIL AND GAS DIVISION

DATE **18 DECEMBER**, 19 **81**
OPERATOR'S WELL NO. **BKK #49**
API WELL NO. _____
47 - **107** - **1219**
STATE COUNTY PERMIT

JUL 19 1982



FORM IV-4
(Obverse)
(Revised 3-81)



Staats BKK 49
Farm Berbyce Irene Staats
API 147 - 107 - 1219
Date _____

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

OIL AND GAS WELL PERMIT APPLICATION

WELL TYPE: Oil / Gas /

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

LOCATION: Elevation: 834' Watershed: Pond Creek
District: Harris County: Wood Quadrangle: Pond Creek

WELL OPERATOR BKK Prospecting, LTD
Address 45 North Road
Niles, Ohio 44446

DESIGNATED AGENT John Graham
Address 209 Second Street
St. Marys, Wv 26170

OIL AND GAS ROYALTY OWNER Bernice Irene Staats, ET al.
Address Route # 1
Belleville, WV 26133
Acreage 60

COAL OPERATOR _____
Address _____

SURFACE OWNER Bernice Irene Staats
Address Route # 1
Belleville, WV 26133
Acreage 33

COAL OWNER(S) WITH DECLARATION ON RECORD:
NAME _____
Address _____
Address _____

RECEIVED

MAY 24 1982

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

OIL AND GAS DIVISION
WV DEPARTMENT OF MINES

LESSEE WITH DECLARATION ON RECORD:
NAME _____
Address _____

OIL AND GAS INSPECTOR TO BE NOTIFIED:
NAME Robert Lowther
Address Middlebourne, West Virginia 26149
Telephone 304-758-4764

RECEIVED

MAR 01 1982

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 / other contract / dated Oct. 16, 1981, to the undersigned well operator from Hilton Beaver

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

Recorded on December 11, 1981, in the office of the Clerk of County Commission of

_____ County, West Virginia, in 764 Book at page 766. 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 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 DUND

BKK Prospecting, LTD

Well Operator

By: John Graham

Its: Designated Agent

Form IV-2
(Reverse)

(Revised 3-81)

PROPOSED WORK ORDER

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

DRILLING CONTRACTOR (IF KNOWN) FWA Drilling Company, Inc.
Address P.O. Box 419
Wichita Falls, Texas 76307

GEOLOGICAL TARGET FORMATION

Estimated depth of completed well 5000' feet. Rotary / Cable tools
Approximate water strata depths: Fresh, 00-120 feet; salt, 334 feet.
Approximate coal seam depths: 1300-1500
Is coal being mined in this area: Yes / No

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	11-3/8			X		380	350	To Surface	Kinds
Fresh water									
Coal									Sizes
Intermed.	8-5/8"		20	X		934	934	290	
Production Tubing	4-1/2"		10.5	X		4995	4995	490	Depths set
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 of 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,

ARTICLE 4 OF THE W. VA. CODE, THE LOCATION IS HEREBY

APPROVED FOR drilling. THIS PERMIT SHALL EXPIRE

IF OPERATIONS HAVE NOT COMMENCED BY 3-13-83

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. VA. Code

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

BKR Prospecting, LTD

By: [Signature]
Designated Agent