

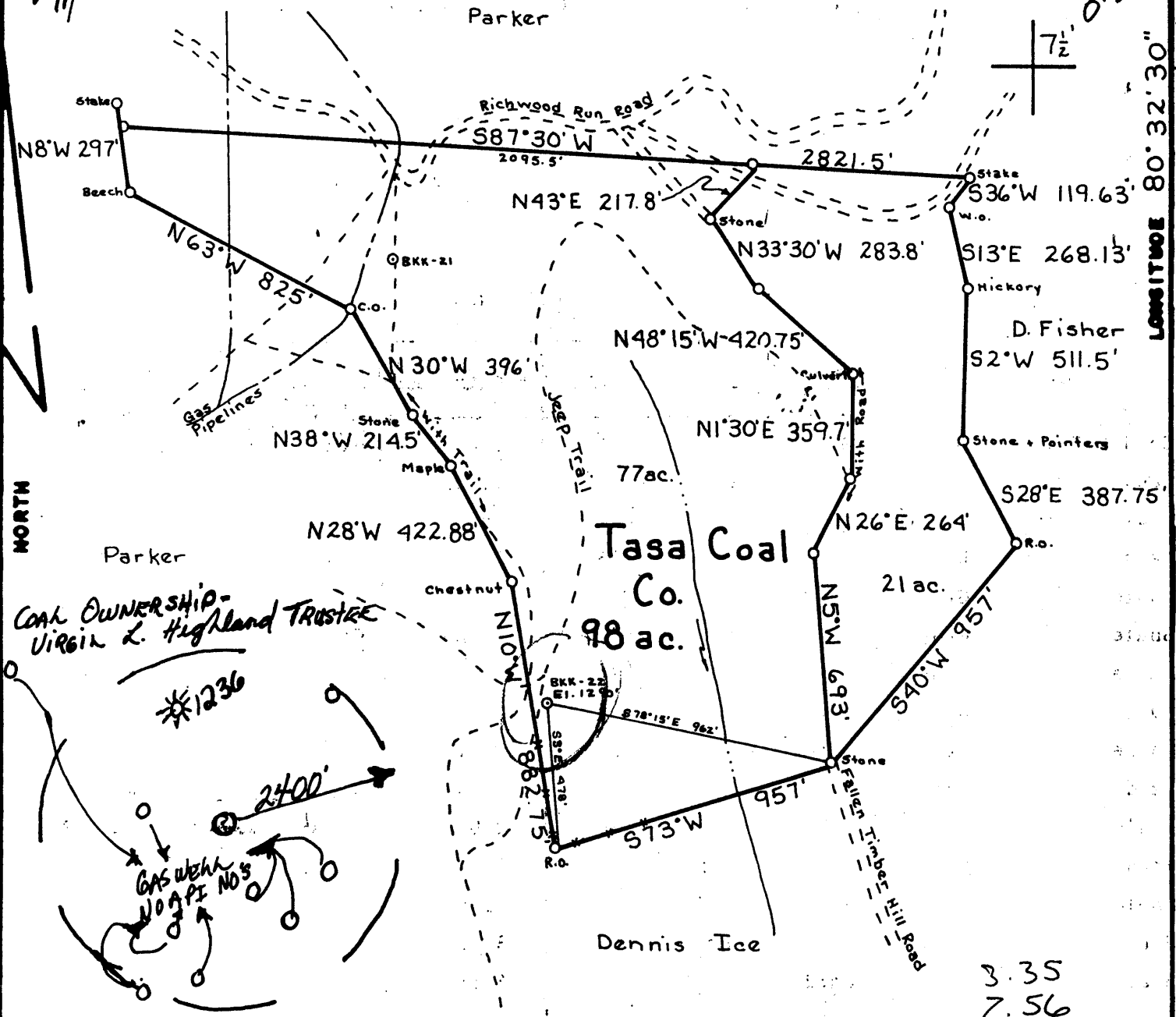
1815'

LATITUDE 39° 32' 30"

2470'
LONGITUDE 80° 32' 30"

Jamie
11/13/92

0.47
0.34



FILE NO. _____
 DRAWING NO. _____
 SCALE 1" = 500'
 MINIMUM DEGREE OF ACCURACY 1:200
 PROVEN SOURCE OF ELEVATION BM 1368'

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

STATE OF WEST VIRGINIA
 WILLIAM R. MCGEE
 No. 551
 PLACE SEAL HERE

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



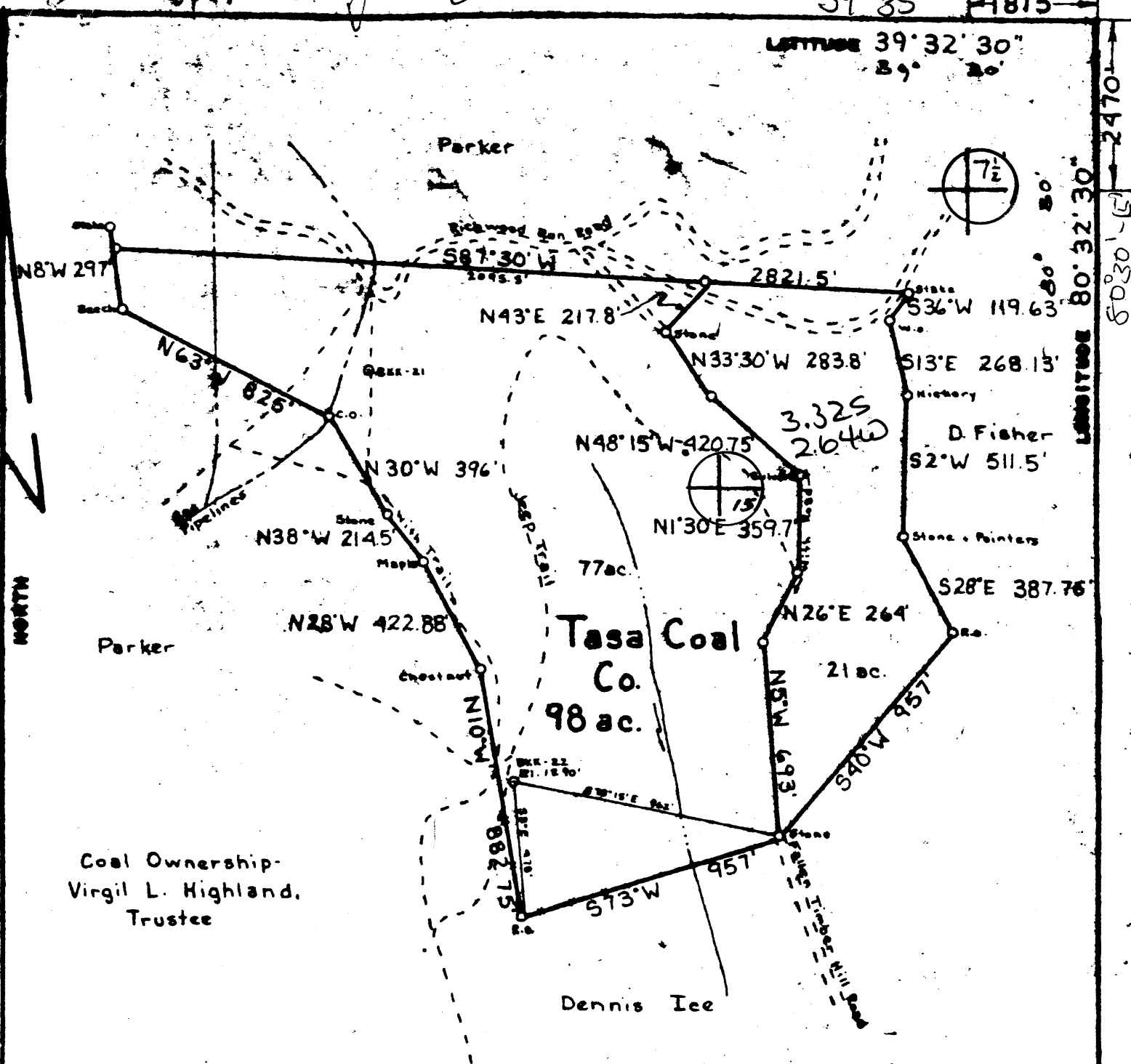
DATE 13 June 1981
 OPERATOR'S WELL WYATT-22
 API WELL NO. 47-103-1237-PP
 STATE COUNTY PERMIT

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 1290' WATER SHED Fallen Timber Run
 DISTRICT Grant 4 COUNTY Wetzel
 QUADRANGLE Big Run, W. Va. 7 1/2 Quad. Littleton SE
 SURFACE OWNER Everett J. Wyatt ACREAGE 77
 OIL & GAS ROYALTY OWNER Tasa Coal Co. LEASE ACREAGE 98
 LEASE NO. _____
 PROPOSED WORK: DRILL CONVERT _____ DRILL DEEPER _____ REDRILL _____ FRACTURE OR STIMULATE _____ PLUS OFF OLD FORMATION _____ PERFORATE NEW FORMATION _____ OTHER PHYSICAL CHANGE IN WELL (SPECIFY) _____

GORDON & Bile

PLUS AND ABANDON _____ CLEAN OUT AND REPLUG _____
 TARGET FORMATION Shale ESTIMATED DEPTH 5400'
 WELL OPERATED BY J.A. & M. DICKENS DESIGNATED BY Lytle Martyn
 ADDRESS P.O. Box 7, Jacksonburg, W.V. 26377 ADDRESS Box 7, Jacksonburg, W.V. 26377



Coal Ownership-
Virgil L. Highland,
Trustee

**Tasa Coal
Co.
98 ac.**

Dennis Ice

FILE NO. _____
DRAWING NO. _____
SCALE 1" = 500'
MINIMUM DEGREE OF
ACCURACY 1:200
PROVEN SOURCE OF
ELEVATION BM 1368'

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. _____ L.L.S. 551

PLACE SEAL HERE

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



DATE 13 June, 1981
OPERATOR'S WELL NO. BKK-22
API WELL NO. 47-103-1237
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 1290 WATER SHED Fallen Timber Run SE
DISTRICT Grant COUNTY Netzel
QUADRANGLE Big Run, W.Va. 7 1/2 Quad. Littleton 15' E
SURFACE OWNER Everett J. Wyatt ACREAGE _____
OIL & GAS ROYALTY OWNER Tasa Coal Co. LEASE ACREAGE 98
LEASE NO. _____
PROPOSED WORK: DRILL CONVERT _____ DRILL DEEPER _____ REDRILL _____ FRACTURE OR
STIMULATE _____ PLUS OFF OLD FORMATION _____ PERFORATE NEW
FORMATION _____ OTHER PHYSICAL CHANGE IN WELL (SPECIFY) _____

PLUS AND ABANDON _____ CLEAN OUT AND REPLUG _____
TARGET FORMATION Shale ESTIMATED DEPTH 5400'
WELL OPERATOR BKK Prospecting DESIGNATED AGENT John Graham JUN 29 1981
ADDRESS 45 North Road ADDRESS 209 Second St.
Niles, Ohio 44446 St. Marys, W.Va. 26170



IV-35
(Rev 8-81)

Date November 12, 1981
Operator's Wyatt 22 BKK 22
Well No. Everett J Wyatt
Farm API No. 47 - 103 - 1237

State of West Virginia
Department of Mines
Oil and Gas Division

WELL OPERATOR'S REPORT
OF
DRILLING, FRACTURING AND/OR STIMULATING, OR PHYSICAL CHANGE

WELL TYPE: Oil X / Gas X / Liquid Injection ___ / Waste Disposal ___ /
(If "Gas," Production X / Underground Storage ___ / Deep ___ / Shallow ___ /)

LOCATION: Elevation: 1290' Watershed Fallen Timber Run
District: Grant County Wetzel Quadrangle Big Run

COMPANY BKK Prospecting, LTD
ADDRESS 5 North Road, Niles, Ohio 44446
DESIGNATED AGENT John Graham
ADDRESS 209 Second st. St. Marys, WV 26170
SURFACE OWNER Everett J. Wyatt
ADDRESS Jacksonburgh, WV
MINERAL RIGHTS OWNER Tasa Coal Co., 2701 Gateway
ADDRESS Towers, Gateway Center Pittsburgh, Pa. 15222
OIL AND GAS INSPECTOR FOR THIS WORK Robert
Lowther ADDRESS Middlebourne, WV 26149
PERMIT ISSUED 6/16/81
DRILLING COMMENCED 7/2/81
DRILLING COMPLETED 7/23/81
IF APPLICABLE: PLUGGING OF DRY HOLE ON
CONTINUOUS PROGRESSION FROM DRILLING OR
REWORKING. VERBAL PERMISSION OBTAINED
ON _____

Casing & Tubing	Used in Drilling	Left in Well	Cement fill up Cu. ft.
Size 20-16 Cond.			
13-10"			
9 5/8			
8 5/8	1611	1611	400 sks
7	2590	2590	150 sks
5 1/2			
4 1/2	4860	4860	495 sks
3			
2			
Liners used			

GEOLOGICAL TARGET FORMATION Upper Devonian Shale Depth 4736 feet
Depth of completed well 4786 feet Rotary X / Cable Tools _____
Water strata depth: Fresh 105 feet; Salt _____ feet
Coal seam depths: No coal Is coal being mined in the area? No

OPEN FLOW DATA
Producing formation Shale *Dry w/ gas show* Pay zone depth 3996-4289 feet
Gas: Initial open flow 20 Mcf/d Oil: Initial open flow 0 Bbl/d
Final open flow 5 Mcf/d Final open flow 0 Bbl/d
Time of open flow between initial and final tests 24 hours
Static rock pressure 850 psig (surface measurement) after 72 hours shut in
(If applicable due to multiple completion--)
Second producing formation _____ Pay zone depth _____ feet
Gas: Initial open flow _____ Mcf/d Oil: Initial open flow _____ Bbl/d
Final open flow _____ Mcf/d Oil: Final open flow _____ Bbl/d
Time of open flow between initial and final tests _____ hours
Static rock pressure _____ psig (surface measurement) after _____ hours shut in

(Continue on reverse side)

WEST. 1237

MAR 21 1983

DETAILS OF PERFORATED INTERVALS, FRACTURING OR STIMULATING, PHYSICAL CHANGE, ETC.

Perforated shale 3996-4239

Fractured with 60,000# sand, 250 BBLs water and 644,000 SCF Nitrogen

WELL LOG

FORMATION	COLOR	HARD OR SOFT	TOP FEET	BOTTOM FEET	REMARKS
					Including indication of all fresh and salt water, coal, oil and gas
Sand & Shale	Gray	Hard	0	2567	Freshwater 115 saltwater 900-1600
Sand	Gray	Soft	2567	2663	Gas
Shale	Light	Hard	2663	2676	
Sand	Drk	Med.	2676	2745	Gas <u>Big Injun</u>
Shale	Gray	Hard	2745	2872	
Shale	Gray	Soft	2872	2882	Gas
Shale	Gray	Hard	2882	3118	
Sand	Dark	Hard	3118	3131	
Shale	Gray	Hard	3131	3244	
Sand	Gray	Soft	3244	3256	Gas
Shale	Light	Hard	3256	3294	
Sand	Dark	Soft	3294	3357	Gas & Oil <u>Gordon</u> ?
Shale	Gray	Hard	3357	3395	
Sand	Gray	Soft	3395	3417	
Shale	Gray	Hard	3417	<u>4786</u>	TO in Huron

[Handwritten signature]
3449

[Handwritten numbers]
4786
3449
4636

(Attach separate sheets as necessary)

B.K.K. Prospecting Ltd
Well Operator

By: John Graham

Date: November 12, 1981

Note: Regulation 2.02(i) provides as follows:
"The term 'log' or 'well log' shall mean a systematic detailed geological record of all formations, including coal, encountered in the drilling of a well."



Well No. BKK 22
Farm Everett J Wyatt
API # 47 - 103 - 1237
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: 1290' Watershed: Fallen Timber Run
District: Grant County: Wetzel Quadrangle: Big Run

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

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

OIL AND GAS ROYALTY OWNER Tasa Coal Company
Address 2701 Gateway Towers
Gateway Center, Pittsburgh Pa. 15222
Acreage 98

COAL OPERATOR _____
Address _____

SURFACE OWNER Everett J. Wyatt
Address Jacksonburgh, WV
Acreage 77'

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

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

COAL LESSEE WITH DECLARATION ON RECORD:
NAME _____
Address _____

OIL AND GAS INSPECTOR TO BE NOTIFIED:
NAME Phil L. Tracy
Address Route #3
Alma, WV 26320
Telephone 785-4573

RECEIVED
JUN 16 1981

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 Sept. 17, 19 54 to the undersigned well operator from Tasa Coal Company.

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

Recorded on December 13, 19 54, in the office of the Clerk of County Commission of Wetzel County, West Virginia, in 195 Book at page 128. A permit is requested as follows:

PROPOSED WORK: Drill X / 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

B.K.K. Prospecting, LTD
Well Operator
By: John Graham
Its: Designated Agent

(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) _____

Address: _____

GEOLOGICAL TARGET FORMATION

Estimated depth of completed well 5900' feet. Rotary X / Cable tools /
Approximate water strata depths: Fresh, 150' feet; salt, feet.
Approximate coal seam depths:
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 Drill-ling	Left in Well		
Conductor	13-5/8			X			X	To surface	Kinds
Fresh water									
Coal									Sizes
Intermed.	8-5/8		20	X		250'	250	To surface	
Production	4+1/2"		10.5	X		5900'	5900	back to top	Depths set
Tubing								590 Sks. of producing zone. or as reqd. by rule 15.01	Perforations:
Liners									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 in regulation 15, or in lieu thereof the other security allowed by Code §22-4-5, (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 2-18-82.


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____.

B.K.K. Prospecting, LTD

By: 

Its: Designated Agent

STATE OF WEST VIRGINIA DEPARTMENT OF ENERGY, DIVISION OF OIL AND GAS WELL WORK PERMIT APPLICATION

- 1) Well Operator: J. A. & M. Oil and Gas Company
2) Operator's Well Number: Wyatt #22
3) Elevation: 1290'
4) Well type: (a) Oil or Gas
5) Proposed Target Formation(s): Gordon and Big Injun
6) Proposed Total Depth: 4,860 feet
7) Approximate fresh water strata depths: See Original IV-35 Attached.
8) Approximate salt water depths: See Original IV-35 Attached.
9) Approximate coal seam depths: None
10) Does land contain coal seams tributary to active mine? Yes No
11) Proposed Well Work: Plug back well, perforate and frac new zones.

Permanently Partial Plug Back & Frac Existing well New Formations up hole

CASING AND TUBING PROGRAM Cement to 3500'

Table with columns: TYPE, SPECIFICATIONS (Size, Grade, Weight per ft.), FOOTAGE INTERVALS (For drilling, Left in well), CEMENT (Fill-up). Rows include Conductor, Fresh Water, Coal, Intermediate, Production, Tubing, Liners.

14490

Existing Records from Well

PACKERS : Kind Sizes Depths set

For Division of Oil and Gas Use Only

Fee(s) paid: Well Work Permit Reclamation Fund WPCP
Plat WW-9 WW-2B Bond Surety Blanket Agent

154/35

07
Oil & Gas

- 1) Date: October 14, 1992
- 2) Operator's well number
Wyatt#22
- 3) API Well No: 47 - 103 - 1237 -PP-FRAC
State - County - Permit

STATE OF WEST VIRGINIA
DEPARTMENT OF ENERGY, DIVISION OF OIL AND GAS

NOTICE AND APPLICATION FOR A WELL WORK PERMIT

- 4) Surface Owner(s) to be served:
 - (a) Name Enzie L. Wyatt
Address Rt. 1, Box 5
Smithfield, WV 26437
 - (b) Name _____
Address _____
 - (c) Name _____
Address _____
- 5) (a) Coal Operator:
 - Name _____
Address _____
 - (b) Coal Owner(s) with Declaration
Name Iasa Coal Company
Address 2701 Gateway Towers, Gateway Center
Pittsburgh, PA 15222
 - Name _____
Address _____
 - (c) Coal Lessee with Declaration
Name _____
Address _____
- 6) Inspector Randal Mick
Address Route 3, Box 248
Weston, WV 26452
Telephone (304) - 269-2335

TO THE PERSON(S) NAMED ABOVE TAKE NOTICE THAT:

_____ Included is the lease or leases or other continuing contract or contracts by which I hold the right to extract oil and gas OR

x Included is the information required by Chapter 22B, Article 1, Section 8(d) of the Code of West Virginia (see page 2)

I certify that as required under Chapter 22B of the West Virginia Code I have served copies of this notice and application, a location plat, and accompanying documents pages 1 through _____ on the above named parties, by:

- _____ Personal Service (Affidavit attached)
- x Certified Mail (Postmarked postal receipt attached)
- _____ Publication (Notice of Publication attached)

I have read and understand Chapter 22B and 38 CSR 11-18, and I agree to the terms and conditions of any permit issued under this application.

I certify under penalty of law that I have personally examined and am familiar with the information submitted on this application form and all attachments, and that based on my inquiry of those individuals immediately responsible for obtaining the information, I believe that the information is true, accurate, and complete.

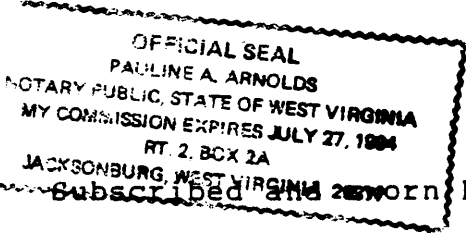
I am aware that there are significant penalties for submitting false information, including the possibility of fine and imprisonment.

Well Operator J. A. & M. Oil and Gas Company
 By: Lydia Martin
 Its: agent
 Address P.O. Box 7
Jacksonburg, WV 26377
 Telephone (304) 889-2215

Subscribed and sworn before me this 26th day of October, 1992

Pauline A. Arnolds Notary Public

My commission expires July 27th 1994



OCT 27
Permit
Office of Energy



1) Date: October 14, 19 92

2) Operator's Well No. Wyatt #22

3) API Well No. 47 - 103 - 1237 - PP
State County Permit

STATE OF WEST VIRGINIA
DEPARTMENT OF COMMERCE LABOR AND ENVIRONMENTAL RESOURCES
DIVISION OF ENERGY
APPLICATION FOR A PERMIT TO PLUG AND ABANDON A WELL

- 4) WELL TYPE: A Oil _____ / Gas x / Liquid injection _____ / Waste disposal _____ /
B (If "Gas", Production x / Underground storage) _____ / Deep _____ Shallow x /)
- 5) LOCATION: Elevation: 1290' / Watershed: Fallen Timber Run
District: Grant / County: Wetzel / Quadrangle: Big Run
- 6) WELL OPERATOR J. A. & M. Oil and Gas CO / CODE
Address P.O. Box 7
Jacksonburg, WV 26377
- 7) DESIGNATED AGENT Lydle Martyn
Address P.O. Box 7
Jacksonburg, WV 26377
- 8) OIL & GAS INSPECTOR TO BE NOTIFIED
Name Randal Mick
Address Route 3, Box 248
Weston, WV 26452
- 9) PLUGGING CONTRACTOR
Name J. A. & M. Oil and Gas Company
Address P.O. Box 7
Jacksonburg, WV 26377

10) WORK ORDER: The work order for the manner of plugging this well is as follows:

Swab 4-1/2" casing dry.

- 4860' - 4300' 6% Gel
- 4300' - 3896' Cement
- 3896' - 3600' 6% Gel
- 3600' - 3500' Cement

This is a partial plug back only. After the deeper perforations have been plugged, the well will be re-completed in shallower zones.

OFFICE USE ONLY

PLUGGING PERMIT

Permit number 103-1237-PP

11-13

19 92

Date

This permit covering the well operator and well location shown below is evidence of permission granted to plug in accordance with the pertinent legal requirements subject to the conditions contained herein and on the reverse hereof. Notification must be given to the District Oil and Gas Inspector 24 hours before actual permitted work has commenced.)

The permitted work is as described in the Notice and Application, plat, subject to any modifications and conditions on the reverse hereof.

Permit expires 11-13-94 unless plugging is commenced prior to that date and prosecuted with due diligence.

Bond: <u>[Signature]</u>	Agent: <u>[Signature]</u>	Plat: <u>[Signature]</u>	Casing: <u>[Signature]</u>	WPCP	OTHER
--------------------------	---------------------------	--------------------------	----------------------------	------	-------

Jamie Stevens

Director, Division of Oil & Gas

NOTE: Keep one copy of this permit posted at the plugging location.

File

See the reverse side of the APPLICANT'S COPY for instructions to the well operator.