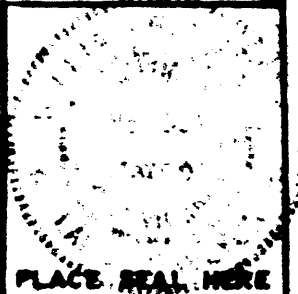


FILE NO. _____
 DRAWING NO. _____
 SCALE 1" = 500'
 MINIMUM DEGREE OF ACCURACY 1:200
 PROVEN SOURCE OF ELEVATION BM 1386'

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. Massol
 R.P.E. _____ L.L.S. 551



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



DATE 13 June, 1981
 OPERATOR'S WELL NO BKK-21
 API WELL NO. 47-103-1236
 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 1518' WATER SHED Fallen Timber Run SE
 DISTRICT Grant COUNTY Wetzel
 QUADRANGLE Big Run, W. Va 7E Quad. ~~Stamps~~ SE Littleton
 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) _____
 PLUS AND ABANDON _____ CLEAN OUT AND REPLUS _____
 TARGET FORMATION Shale ESTIMATED DEPTH 5400'
 WELL OPERATOR BKK Prospecting DESIGNATED AGENT John Graham
 ADDRESS 45 North Road ADDRESS 209 Second St.
Niles, Ohio 44446 St. Marys, W. Va. 26170

JUN 29 1981



IV-35
(Rev 8-81)

Date November 12, 1981
 Operator's Well No. Wyatt 1 BKK 21
 Farm Everett J. Wyatt
 API No. 47 - 103 - 1236

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: 1518' Watershed Fallen Timber
 District: Grant County Wetzel Quadrangle Big Run

COMPANY BKK Prospecting, LTD
 ADDRESS 45 North Road, Niles, Ohio 44447
 DESIGNATED AGENT John Graham
 ADDRESS 209 Second St. St. Marys, WV 26170
 SURFACE OWNER Everett J. Wyatt
 ADDRESS Jacksonburgh, VA
 MINERAL RIGHTS OWNER Tasa Coal Company
 ADDRESS Pittsburgh, Pa. 15222
 OIL AND GAS INSPECTOR FOR THIS WORK Robert Lowther
 ADDRESS Middlebourne, WV 26149
 PERMIT ISSUED 6/16/81
 DRILLING COMMENCED 6/30/81
 DRILLING COMPLETED 8/25/81

Casing Tubing Size Cond.	Used in Drilling	Left in Well	Cement fill up Cu. ft.
20-16			
13-10"			
9 5/8			
8 5/8	1640	1640	400 sks
7			
5 1/2			
4 1/2	4880	4880	490 sks
3			
2			
Liners used			

IF APPLICABLE: PLUGGING OF DRY HOLE ON
 CONTINUOUS PROGRESSION FROM DRILLING OR
 REWORKING. VERBAL PERMISSION OBTAINED
 ON _____

GEOLOGICAL TARGET FORMATION Upper Devonian Shale Depth 2940- TD feet
 Depth of completed well 4942 feet Rotary X / Cable Tools _____
 Water strata depth: Fresh 110-130 feet; Salt 1470-1512 feet
 Coal seam depths: 1667, 1806, 2305 Is coal being mined in the area? No

OPEN FLOW DATA Dry w/ gas show
 Producing formation Shale Pay zone depth 3900 feet
 Gas: Initial open flow 50 Mcf/d Oil: Initial open flow 0 Bbl/d
 Final open flow 10 Mcf/d Final open flow 0 Bbl/d
 Time of open flow between initial and final tests 48 hours
 Static rock pressure 700 psig (surface measurement) after 48 hours shut in
 (If applicable due to multiple completion--)
 Second producing formation Riley Sand Pay zone depth 4670 feet
 Gas: Initial open flow 50 Mcf/d Oil: Initial open flow 0 Bbl/d
 Final open flow 10 Mcf/d Oil: Final open flow 0 Bbl/d
 Time of open flow between initial and final tests _____ hours
 Static rock pressure 700 psig (surface measurement) after 48 hours shut in

MAR 21 1982
 (Continue on reverse side)

WET. 1236

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

Perforated 3810-4049 shale 14 shots 4647 = 4711 shots riley sand
Foam Fractured 60,000 # Sand used 240 BBLs water with 604,500 SCF Nitrogen Used.

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	1640	Fresh Salt water cased	
Shale	DK Gray	Med.	1640	1696	Coal Seam?	
Sand	Gray	Hard	1696	1761	} ?	
Shale	DK Gray	Hard	1761	1866		Coal Seam?
Sand	Gray	Hard	1866	1914		
Shale	Gray	Hard	1914	1985		
Salt sands	Lt Gray	Soft	1985	2104		
Shell	Gray	Soft	2104	2263		
Sand	Gray	Hard	2263	2422	Coal Seam?	
Shale	Gray	Med.	2422	1438		
Sand	LT Gray	Soft	2438	2541	Big Injun-	
Shale	Gray	Hard	2541	3354	Gas	
Sand	Gray	Hard	3354	3397	Gas	
Shale	Gray	Hard	3397	4942	Gas TO in Huron-	

4942
2940
2002 -

(Attach separate sheets as necessary)

B. K. & P. 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 21
Farm Everett J Wyatt
API # 47 - 103 - 1236
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: 1518' 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, Pittsburg, 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 _____

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

NAME _____
Address _____

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

COAL LESSEE WITH DECLARATION ON RECORD:
NAME _____
Address _____

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, 1954, to the undersigned well operator from Tasa Coal Company.

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

Recorded on December 13, 1954, 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: feet.
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 SIRS of producing zone. or as read by	Perforations:
Liners									Top Bottom
									1501

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 18, 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 §22-4-3a 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.

J. J. [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____.

B.K.K. Prospecting, LTD

By: [Signature]
Its: Designated Agent