



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: 739' Watershed: Java Run  
District: Union County: Pleasants Quadrangle: Raven Rock

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 Okey Bennett Heirs  
Address Route 2  
St. Marys, WV 26170  
Acreage 31

COAL OPERATOR  
Address

SURFACE OWNER Okey Bennett Heirs  
Address Rt 2  
St. Marys, WV 26170  
Acreage 31

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

FIELD SALE (IF MADE) TO:  
NAME  
Address

NAME  
Address

COAL LESSEE WITH DECLARATION ON RECORD:  
NAME  
Address

OIL AND GAS INSPECTOR TO BE NOTIFIED:

NAME Robert Lowther  
Address Middlebourne, WV 26149  
Telephone 304-758-4764

RECEIVED

FEB 26 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 x / other contract \_\_\_ / dated 9/15/81, 19\_\_\_, to the undersigned well operator from Okey Bennett Heirs

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

Recorded on 10/9/, 1981, in the office of the Clerk of County Commission of Pleasants County, West Virginia, in 168 Book at page 62. 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

BLANKET BOUND

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 X / Cable tools     /  
Approximate water strata depths: Fresh, 80-120 feet; salt,     feet.  
Approximate coal seam depths: 1300-1500  
Is coal being mined in this area: Yes     / No X /

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	11-3/8			X		50'	0'	To Surface	Kinds
Fresh water									
Coal									Sizes
Intermed.	8-5/8"		20	X		839'	839'	290	CTS Depths set
Production	4-1/2"		10.5	X		4995'	4995'	490	
Tubing									Perforations: Top Bottom
Liners									

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,  
ARTICLE 4 OF THE W. VA. CODE, THE LOCATION IS HEREBY  
APPROVED FOR drilling. THIS PERMIT SHALL EXPIRE  
OPERATIONS HAVE NOT COMMENCED BY 11-2-82.

[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 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    .

BKK Prospecting, LTD

By: [Signature]  
Its: Designated Agent

#844



IV-9  
(Rev 8-81)

DATE 27 JANUARY, 1982  
WELL NO. BKK #51  
API NO. 47 - 073 - 1438

State of West Virginia  
Department of Mines  
Oil and Gas Division  
Construction & Reclamation Plan

COMPANY NAME BKK PROSPECTING, LTD.  
ADDRESS 45 NORTH ROAD  
NILES, OHIO 44446  
Telephone (216) 652-5991

DESIGNATED AGENT JOHN GRAHAM  
ADDRESS 209 SECOND STREET  
ST. MARYS, W.VA. 26170  
Telephone 684-7493

LANDOWNER OKEY BENNETT

SOIL CONS. DISTRICT UPPER OHIO

Revegetation to be carried out by JIM RENNER (Agent)

This plan has been reviewed by Upper Ohio SCD. All corrections and additions become a part of this plan: 2/16/82 (Date)

Kenneth R. Plasm  
(SCD Agent)

ACCESS ROAD	LOCATION
Structure <u>CULVERT</u> (A)	Structure <u>DIVERSION DITCH</u> (1)
Spacing _____	Material <u>SOIL</u>
Page Ref. Manual <u>1:8</u>	Page Ref. Manual <u>1:9</u>
Structure _____ (B)	Structure <u>RIP-RAP</u> (2)
Spacing _____	Material <u>ROCK-STONE-BRUSH</u>
Page Ref. Manual _____	Page Ref. Manual <u>N/A</u>
Structure _____ (C)	Structure _____ (3)
Spacing _____	Material _____
Page Ref. Manual _____	Page Ref. Manual _____

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OIL AND GAS DIVISION  
DEPARTMENT OF MINES

All structures should be inspected regularly and repaired if necessary. All commercial timber is to be cut and stacked and all brush and small timber to be cut and removed from the site before dirt work begins.

REVEGETATION

Treatment Area I

Lime \_\_\_\_\_ Tons/acre  
or correct to pH 6.5  
Fertilizer 500 lbs/acre  
(10-20-20 or equivalent)  
Mulch HAY 2 Tons/acre  
Seed\* KY 31 FESCUE 35 lbs/acre  
REDTOP 5 lbs/acre  
\_\_\_\_\_ lbs/acre  
\_\_\_\_\_ lbs/acre

Treatment Area II

Lime \_\_\_\_\_ Tons/acre  
or correct to pH 6.5  
Fertilizer 500 lbs/acre  
(10-20-20 or equivalent)  
Mulch HAY 2 Tons/acre  
Seed\* KY 31 FESCUE 35 lbs/acre  
REDTOP 5 lbs/acre  
\_\_\_\_\_ lbs/acre  
\_\_\_\_\_ lbs/acre

\*Inoculate all legumes such as vetch, trefoil and clovers with the proper bacterium. Inoculate with 3X recommended amount.

PLAN PREPARED BY WILLIAM R. MOSSOR, L.L.S.

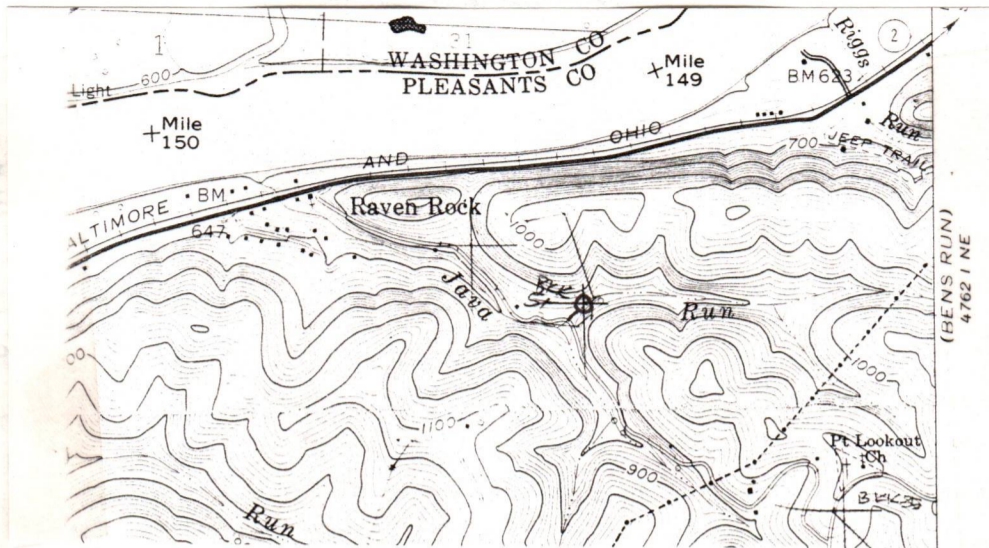
ADDRESS 112 NORTH SPRING STREET  
HARRISVILLE, W.VA. 26362

PHONE NO. (304) 643-4572

NOTES: Please request landowners' cooperation to protect new seedling for one growing season. Attach separate sheets as necessary for comments.

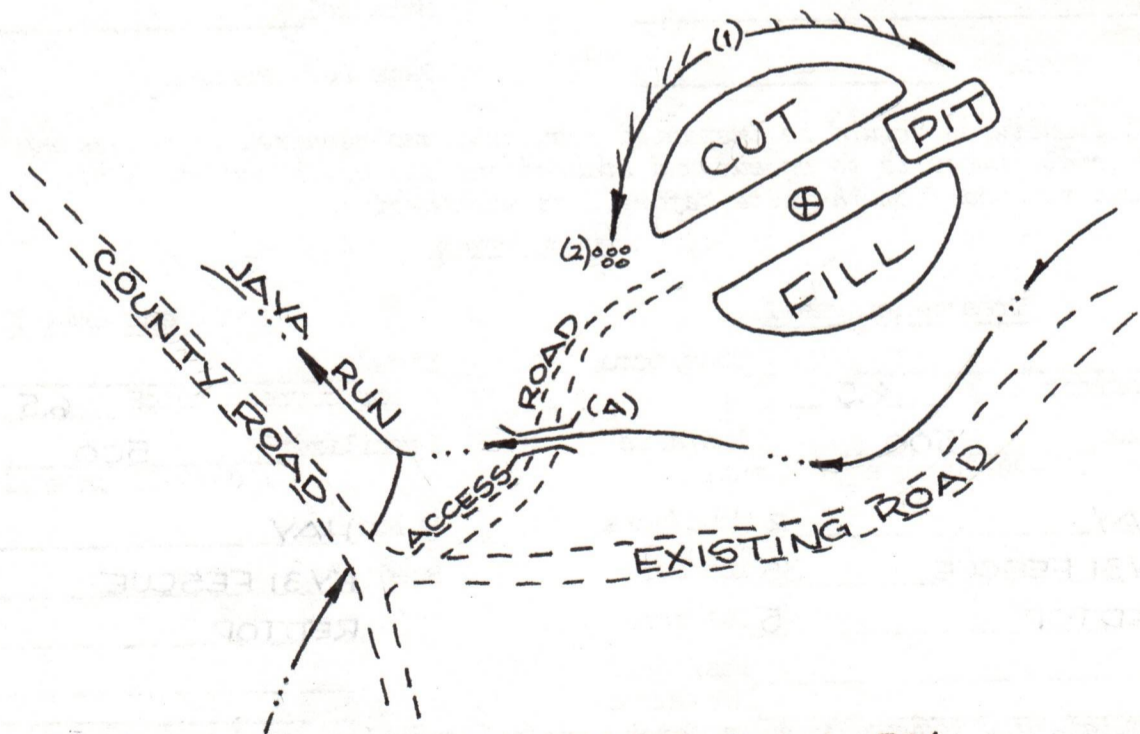
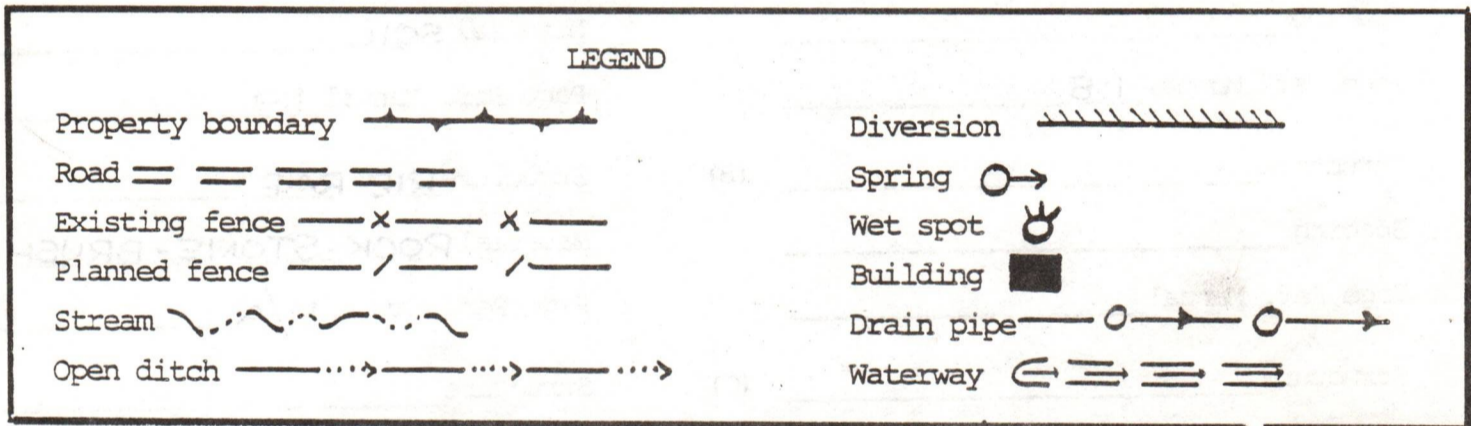
ATTACH OR PHOTOCOPY SECTION OF INVOLVED TOPOGRAPHIC MAP. QUADRANGLE RAVEN ROCK

LEGEND  
WELL SITE ⊕ ACCESS ROAD —



WELL SITE PLAN

Sketch to include well location, existing access road, roads to be constructed, well site, drilling pits and necessary structures numbered or lettered to correspond with the first part of this plan. Include all natural drainage.



- Comments:
1. AVERAGE SLOPE OF ACCESS ROAD 5%.
  2. LENGTH OF ACCESS ROAD 200'
  3. BRUSH AND TREES TO BE PILED AT SITE.
  - \_\_\_\_\_
  - \_\_\_\_\_



TARGET CEMENTING CO.  
JOB LOG - SUMMARY

DATE 8-4-82

INVOICE NO. 1462  
PERMIT NO. 078-1435  
CEMENTER Amick Rowland

CUSTOMER B.K.K. LEASE BENNETT BKK 51 SEC \_\_\_\_\_  
FIELD ST. MARY'S COUNTY PLUMANTS TWP \_\_\_\_\_ STATE WEST VA.

CONTRACTOR \_\_\_\_\_ TYPE RIG \_\_\_\_\_ Cable Rotary  Other \_\_\_\_\_  
JOB TYPE - SURFACE

TUBING CASING DATE  
Casing Size 10 3/4 Depth 200  
Hole Size \_\_\_\_\_ Max Pressure 100  
PERFS NO \_\_\_\_\_ From \_\_\_\_\_ To \_\_\_\_\_

CEMENT DATA  
No. of SKS 75 REC Type 370 CE  
No. of SKS 100 LIGHT Type \_\_\_\_\_  
No. of SKS \_\_\_\_\_ Type \_\_\_\_\_  
Cement left in pipe \_\_\_\_\_ ft. Reason \_\_\_\_\_  
Sacked Cement for Rat Hole \_\_\_\_\_ SKS

CIRCULATORY 52 BBLs  
SLURRY 43.1 BBLs

DISPLACEMENT 17 BBLs  
AVERAGE PSI 50

TIME	RATE (BPM)	VOLUME BBLs	PRESSURE (PSI)		DESCRIPTION
			TUBING	CASING	
3:50					Safety & Pollution Meeting
4:00	3				Circulate Hole
4:35	3				Mix Cement
4:48	3				Displace Cement
4:53	1				LAND PLUG

REMARKS:



IV-35  
(Rev 8-81)

State of West Virginia  
Department of Mines  
Oil and Gas Division

Date \_\_\_\_\_  
Operator's Well No. BKK - 51  
Farm Bennett  
API No. 47 - 073 - 1438

**RECEIVED**  
FEB 22 1985

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

OIL & GAS DIVISION  
DEPT. OF MINES

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

LOCATION: Elevation: 739 GL Watershed \_\_\_\_\_  
District: Union County Pleasants Quadrangle \_\_\_\_\_

COMPANY BKK Prospecting Ltd.  
ADDRESS 45 North Rd, Niles, Ohio 44446  
DESIGNATED AGENT JOHN GRAHAM  
ADDRESS 209 Second St, St. Marys WV  
SURFACE OWNER OKEY BENNETT HEIRS  
ADDRESS Rt. 2, St. Marys WV  
MINERAL RIGHTS OWNER OKEY BENNETT HEIRS  
ADDRESS Rt 2, St. Marys WV  
OIL AND GAS INSPECTOR FOR THIS WORK ROBERT  
Lewis ADDRESS Middlebourne, WV  
PERMIT ISSUED 2-26-82  
DRILLING COMMENCED 6 - 25 - 82  
DRILLING COMPLETED 7 - 1 - 82

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			
7	1735	1735	400 sks
5 1/2			
4 1/2	4186	4186	300 sks
3			
2			
Liners used			

GEOLOGICAL TARGET FORMATION Ohio Shale Depth 4186 feet  
Depth of completed well 4186 feet Rotary \_\_\_ / Cable Tools X  
Water strata depth: Fresh \_\_\_ feet; Salt \_\_\_ feet  
Coal seam depths: none Is coal being mined in the area? no

OPEN FLOW DATA  
Producing formation Shale Pay zone depth 3147-4043 feet  
Gas: Initial open flow 100 Mcf/d Oil: Initial open flow 2 Bbl/d  
Final open flow 100 Mcf/d Final open flow 2 Bbl/d  
Time of open flow between initial and final tests 24 hours  
Static rock pressure 1200 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)

PLEAS. 1438

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

Perforated - 3147-3159 (2)	3513-3564 (3)
3207-3218 (3)	3606-3700 (5)
3348-3366 (3)	3700-3785 (3)
3413-3474 (4)	3927-3955 (2)
	4010-4100 (3)

WELL LOG

FORMATION	COLOR	HARD OR SOFT	TOP FEET	BOTTOM FEET	REMARKS
					Including indication of all fresh and salt water, coal, oil and gas
Shale & sand			sufrace	1630	
Shale			1630 -	1993	
Sand			1993	1996	Berea - gas
Shale			1996	2270	
Sand			2270	2285	Thirty Foot - gas
Shale			2285	2385	
Sand			2385	2397	Gordon - gas - oil
Shale			2397	T.D.	

(Attach separate sheets as necessary)

BKK Prospecting Ltd.

Well Operator

By:

Date:

7/2/84

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."

STATE OF WEST VIRGINIA  
DEPARTMENT OF MINES  
OIL AND GAS WELLS DIVISION

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MAY - 7 1982

INSPECTOR'S WELL REPORT

OIL AND GAS DIVISION  
WV DEPARTMENT OF MINES

Permit No. 073-1438

Oil or Gas Well \_\_\_\_\_  
(KIND)

		CASING AND TUBING	USED IN DRILLING	LEFT IN WELL	PACKERS
Company	BKK prospecting				
Address	niles ohio	Size			
Farm	Okey Bennett Hrs	16			Kind of Packer
Well No.	BKK 51	13			
District	Union	10	200	200	Size of
County	pleasant	8 1/4			
Drilling commenced		6 5/8			Depth set
Drilling completed	Total depth 200	5 3/16			
Date shot	Depth of shot	3			Perf. top
Initial open flow	/10ths Water in	2			Perf. bottom
Open flow after tubing	/10ths Merc. in	Liners Used			Perf. top
Volume	Cu. Ft.				Perf. bottom
Rock pressure	lbs. hrs.	CASING CEMENTED 10 SIZE 200 No. FT 5-4-82 Date			
Oil	bbls., 1st 24 hrs.	NAME OF SERVICE COMPANY Target Cementing			
Fresh water	feet	COAL WAS ENCOUNTERED AT _____ FEET _____ INCHES			
Salt water	feet	_____ FEET _____ INCHES _____ FEET _____ INCHES			
		_____ FEET _____ INCHES _____ FEET _____ INCHES			

Drillers' Names \_\_\_\_\_

Remarks: Cemented with 75 SKS Regular & 100 SKS light. Returned to surface

May 4-1982

DATE

R.A. Loutcher 512

DISTRICT WELL INSPECTOR



STATE OF WEST VIRGINIA  
DEPARTMENT OF MINES  
OIL AND GAS WELLS DIVISION

INSPECTOR'S PLUGGING REPORT

Permit No. \_\_\_\_\_ Well No. \_\_\_\_\_

COMPANY \_\_\_\_\_ ADDRESS \_\_\_\_\_

FARM \_\_\_\_\_ DISTRICT \_\_\_\_\_ COUNTY \_\_\_\_\_

Filling Material Used \_\_\_\_\_

Liner \_\_\_\_\_ Location \_\_\_\_\_ Amount \_\_\_\_\_ Packer \_\_\_\_\_ Location \_\_\_\_\_

PLUGS USED AND DEPTH PLACED

BRIDGES

CASING AND TUBING

CEMENT-THICKNESS

WOOD-SIZE

LEAD

CONSTRUCTION-LOCATION

RECOVERED

SIZE

LOST

Drillers' Names \_\_\_\_\_

Remarks: \_\_\_\_\_

DATE

I hereby certify I visited the above well on this date.

DISTRICT WELL INSPECTOR

STATE OF WEST VIRGINIA  
DEPARTMENT OF MINES  
OIL AND GAS WELLS DIVISION

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MAY 22 1952

OIL AND GAS DIVISION  
WV DEPARTMENT OF MINES

INSPECTOR'S WELL REPORT

Permit No. 073-1438

Oil or Gas Well \_\_\_\_\_  
(KIND)

Company <u>B. K. K.</u>	CASING AND TUBING	USED IN DRILLING	LEFT IN WELL	PACKERS
Address <u>niles ohio</u>	Size			
Farm <u>ohey Bennett</u>	16			Kind of Packer _____
Well No. <u>B K K 51</u>	13			
District <u>union</u> County <u>pleasant</u>	10			Size of _____
Drilling commenced _____	8 1/4	<u>828</u>		
Drilling completed _____ Total depth <u>1965</u>	6 5/8	<u>1735</u>		Depth set _____
Date shot _____ Depth of shot _____	5 3/16			
Initial open flow _____ /10ths Water in _____ Inch	3			Perf. top _____
Open flow after tubing _____ /10ths Merc. in _____ Inch	2			Perf. bottom _____
Volume _____ Cu. Ft.	Liners Used			Perf. top _____
Lock pressure _____ lbs. _____ hrs.				Perf. bottom _____
_____ bbls., 1st 24 hrs.	CASING CEMENTED _____ SIZE _____ No. FT. _____ Date _____			
Fresh water _____ feet _____ feet	NAME OF SERVICE COMPANY _____			
Salt water _____ feet _____ feet	COAL WAS ENCOUNTERED AT _____ FEET _____ INCHES			
	_____ FEET _____ INCHES _____ FEET _____ INCHES			
	_____ FEET _____ INCHES _____ FEET _____ INCHES			

Drillers' Names \_\_\_\_\_

Remarks: Gas 1340-1350  
oil 1410-1419  
1460-1472-  
1547-1553

5-24-82

R.A. Lowthe 512

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STATE OF WEST VIRGINIA  
DEPARTMENT OF MINES  
OIL AND GAS WELLS DIVISION

INSPECTOR'S PLUGGING REPORT

Permit No. \_\_\_\_\_

Well No. \_\_\_\_\_

COMPANY \_\_\_\_\_ ADDRESS \_\_\_\_\_

FARM \_\_\_\_\_ DISTRICT \_\_\_\_\_ COUNTY \_\_\_\_\_

Filling Material Used \_\_\_\_\_

Liner		Location		Amount	Packer	Location		
PLUGS USED AND DEPTH PLACED			BRIDGES		CASING AND TUBING			
CEMENT-THICKNESS	WOOD-SIZE	LEAD	CONSTRUCTION-LOCATION		RECOVERED	SIZE	LOST	

Drillers' Names \_\_\_\_\_

Remarks: \_\_\_\_\_

6051-1051  
PMT-100  
CPM-100  
2201-1001

DATE \_\_\_\_\_ I hereby certify I visited the above well on this date.

STATE OF WEST VIRGINIA  
DEPARTMENT OF MINES  
OIL AND GAS WELLS DIVISION

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111 9-1982

OIL AND GAS DIVISION  
WV DEPARTMENT OF MINES

INSPECTOR'S WELL REPORT

Permit No. 073-1438

Oil or Gas Well \_\_\_\_\_  
(KIND)

Company <u>BKK</u>	CASING AND TUBING	USED IN DRILLING	LEFT IN WELL	PACKERS
Address <u>niles ohio</u>	Size			
Farm <u>Bennett</u>	16			Kind of Packer
Well No. <u>BKK 51</u>	13			
District <u>union</u> County <u>pleasant</u>	10			Size of
Drilling commenced _____	8 1/4			
Drilling completed <u>7-1-82</u> Total depth <u>4185</u>	6 5/8			Depth set
Date shot _____ Depth of shot _____	5 3/16	<u>4 1/2</u>	<u>4185</u>	<u>4185</u>
Initial open flow _____ /10ths Water in _____ Inch	3			Perf. top
Open flow after tubing _____ /10ths Merc. in _____ Inch	2			Perf. bottom
Volume _____ Cu. Ft.	Liners Used			Perf. top
Block pressure _____ lbs. _____ hrs.				Perf. bottom
_____ bbls., 1st 24 hrs.	CASING CEMENTED _____ SIZE _____ No. FT. _____ Date _____			
Fresh water _____ feet _____ feet	NAME OF SERVICE COMPANY _____			
Salt water _____ feet _____ feet	COAL WAS ENCOUNTERED AT _____ FEET _____ INCHES			
	_____ FEET _____ INCHES _____ FEET _____ INCHES			
	_____ FEET _____ INCHES _____ FEET _____ INCHES			

Drillers' Names \_\_\_\_\_

Remarks: \_\_\_\_\_

7-6-82

R.A. Lowther 512

STATE OF WEST VIRGINIA  
 DEPARTMENT OF MINES  
 OIL AND GAS WELLS DIVISION  
**INSPECTOR'S PLUGGING REPORT**

Permit No. \_\_\_\_\_

Well No. \_\_\_\_\_

COMPANY \_\_\_\_\_ ADDRESS \_\_\_\_\_

FARM \_\_\_\_\_ DISTRICT \_\_\_\_\_ COUNTY \_\_\_\_\_

Filling Material Used \_\_\_\_\_

Liner	Location	Amount	Packer	Location		
PLUGS USED AND DEPTH PLACED			BRIDGES	CASING AND TUBING		
CEMENT-THICKNESS	WOOD-SIZE	LEAD	CONSTRUCTION-LOCATION	RECOVERED	SIZE	LOST

Drillers' Names \_\_\_\_\_

Remarks: \_\_\_\_\_

I hereby certify I visited the above well on this date.



**RECEIVED**  
MAR 12 1985

OIL & GAS DIVISION  
DEPT. OF MINES

State of West Virginia  
Department of Mines  
Oil and Gas Division  
Charleston 25305

FINAL INSPECTION REPORT  
INSPECTORS COMPLIANCE REPORT  
February 26, 1985

COMPANY BKK Prospecting, Ltd.  
45 North Road  
Niles, Ohio 44446

PERMIT NO 073-1438  
FARM & WELL NO Okey Bennett Heirs #51  
DIST. & COUNTY Union/Pleasants

RULE	DESCRIPTION	IN COMPLIANCE	
		YES	NO
23.06	Notification Prior to Starting Work	✓	
25.04	Prepared before Drilling to Prevent Waste	✓	
25.03	High-Pressure Drilling	✓	
16.01	Required Permits at Wellsite	✓	
15.03	Adequate Fresh Water Casing	✓	
15.02	Adequate Coal Casing		
15.01	Adequate Production Casing	✓	
15.04	Adequate Cement Strenght	✓	
15.05	Cement Type	✓	
23.02	Maintained Access Roads	✓	
25.01	Necessary Equipment to Prevent Waste	✓	
23.04	Reclaimed Drilling Pits	✓	
23.05	No Surface or Underground Pollution	✓	
23.07	Requirements for Production & Gathering Pipelines	✓	
16.01	Well Records on Site	✓	
16.02	Well Records Filed	✓	
7.05	Identification Markings	✓	

I HAVE INSPECTED THE ABOVE CAPTIONED WELL AND RECOMMEND THAT IT BE RELEASED:

SIGNED R. A. Lowther  
DATE Mar 4, 1985

Your well record was received and reclamation requirements approved. In accordance with Chapter 22, Article 4, Section 2, the above well will remain under bond coverage for the life of the well.

T. L. ...  
Administrator-Oil & Gas Division

March 15, 1985

DATE

Bennett 2

IV-27  
11/23/81

RECEIVED  
AUG - 1 1983



STATE OF WEST VIRGINIA  
OIL & GAS DIVISION DEPARTMENT OF MINES  
DEPT. OF MINES  
Oil and Gas Division

Date: July 29 1983  
Well No: 151  
API NO: 47-073 1438  
State County Permit

### NOTICE OF VIOLATION

WELL TYPE: Oil  / Gas  Liquid Injection  / Waste Disposal  /  
Of "Gas" - Production  / Storage  / Deep  / Shallow  /

LOCATION: Elevation: 739 Watershed: Jawa Run  
District: union County: pleasant Quadrangle: Raven Rock

WELL OPERATOR BKK prospecting DESIGNATED AGENT \_\_\_\_\_  
Address 45 North Road Address \_\_\_\_\_  
niles ohio 44446

The above well is being posted this 29 day of July, 1983, for a violation of Code 22-4-12B and/or Regulation \_\_\_\_\_, set forth in detail as follows:

(USE REVERSE SIDE OF THIS NOTICE IF NECESSARY)

*Failure to Re Claim well site within 6 months after completion of Drilling*

A copy of this notice has been posted at the well site and sent by certified or registered mail to the indicated well operator or his designated agent.

You are hereby granted until August 5, 1983, to abate this violation.

Failure to abate the violation may result in action by the Department under Code 22-4-17 or Code 22-4-18.

Robert A. Lowther  
Oil and Gas Inspector

Address Middlebourne  
W.Va. 26149

Telephone: 304-758-4764

Bennett 2

RECEIVED  
AUG - 9 1983

FORM IV-30

Date: August 5, 19 83  
Operator's Well Number 51  
API Well No. 47 - 073 - 1438  
State County Permit

OIL & GAS DIVISION  
DEPT. OF MINES

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

ORDER FOR FAILURE TO ABATE VIOLATION

WELL TYPE: Oil \_\_\_\_\_ / Gas \_\_\_\_\_ / Liquid Injection \_\_\_\_\_ / Waste Disposal \_\_\_\_\_ /  
If "Gas" - Production  /  / Storage  /  / Deep \_\_\_\_\_ / Shallow  /  
LOCATION: Elevation: 739 Watershed: Java Run  
District: Union County: Pleasant Quadrangle Raven Rock  
WELL OPERATOR: BKF Enterprises  
Address: 45 North Road Miles Ohio 44446  
DESIGNATED AGENT: \_\_\_\_\_  
Address: \_\_\_\_\_

Notice is hereby given that the undersigned authorized oil and gas inspector has made a special inspection of the above-named well on Aug 5, 19 83.

Upon the expiration of a period of time originally fixes for abatement.  
 Upon the order of the Administrator for the Office of Oil and Gas at the request of the well operator.  
 Upon the request of the Administrator for the Office of Oil and Gas.

The violation of Code 22-4-12B, heretofore found to exist on July 29, 19 83 by Form IV-27, "Notice of Violation"  /, Form IV-28, "Imminent Danger Order" \_\_\_\_\_ / of that date has not been totally abated and it has been determined that no further extension of time should be permitted for the following reasons:

(USE REVERSE SIDE OF THIS ORDER IF NECESSARY)

*Failure to Re Claim well site within 6 month after completion of Drilling*

Therefore, in accordance with the provisions of Code 22-4-1g, the well operator is hereby ORDERED:

To continue cessation of operations until the imminent danger is fully abated.  
 To cease further operations until the violation has been fully abated.

In accordance with Code 22-4-1h, a well operator or complaining coal operator, owner, or lessee may apply for review of this Order within 15 days of the date of this Order.

Robert A. Lowther  
Oil and Gas Inspector  
Address: Meddlebourne  
W. Va. 26147  
Telephone: 304-758-4764

PURCHASER: \_\_\_\_\_  
Address \_\_\_\_\_  
\_\_\_\_\_

(Copies of this ORDER have been posted at the well site and sent by certified or registered mail to the indicated well operator or his designated agent.)



RECORDED

SEP 20 1983

Date: Sept 16, 1983

Operator's Well No. 51

API Well No. 47-073-1438  
State County Permit

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

OIL & GAS DIVISION  
DEPT. OF MINES

NOTICE OF ABATEMENT

WELL TYPE: Oil  / Gas  / Liquid Injection  / Waste Disposal   
 (If "Gas", Production  / Underground Storage  / Deep  / Shallow )  
 LOCATION: Elevation: 739 Watershed: Java Run  
 District: union County: pleasant Quadrangle: Haven Rock  
 WELL OPERATOR: B K K prospecting DESIGNATED AGENT \_\_\_\_\_  
 Address: 45 north Road Address \_\_\_\_\_  
miles ohio

Notice is hereby given that the undersigned authorized oil and gas inspector made a special inspection of the above named well on Sept 16, 1983,

- Upon the expiration of a period of time originally fixed for abatement.
- Upon the order of the Deputy Director for Oil and Gas at the request of the well operator.
- Upon the request of the Deputy Director for Oil and Gas.

The violation of Code § 22-4-12B heretofore found to exist on July 29, 1983, by Form IV-27, "Notice of Violation"  / Form IV-28, "Imminent Danger Order"  of that date has been totally abated. If the abated violation was found by an Imminent Danger Order requiring operations to cease, such requirement is hereby rescinded, and the well operator is hereby notified that he may resume operations.

COMMENTS

well site is Re Claimed

A copy of this notice has been posted at the well site and sent by certified or registered mail to the indicated well operator or his designated agent.

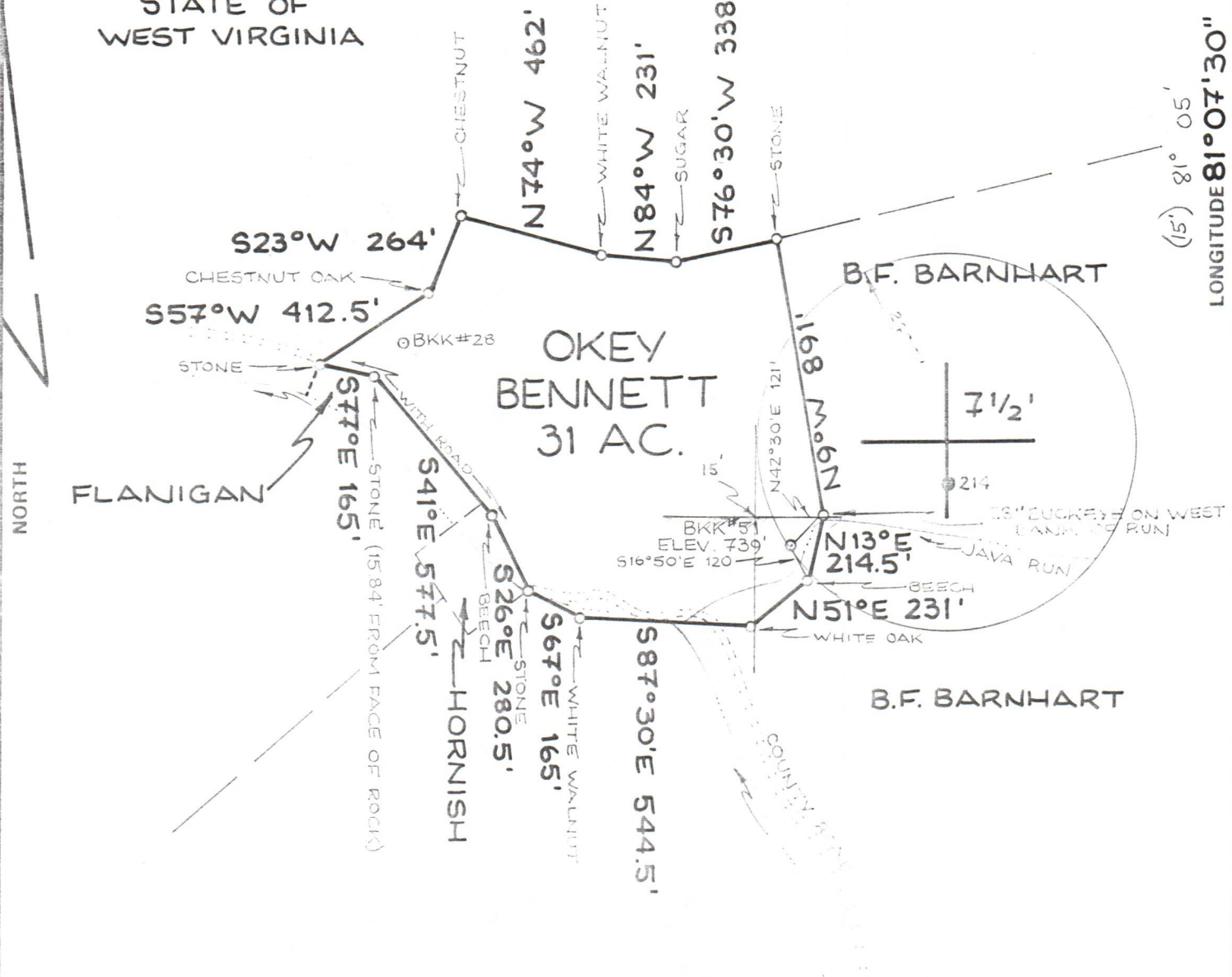
R.A. Lowther  
Oil and Gas Inspector  
Address: \_\_\_\_\_  
Telephone: \_\_\_\_\_

3670'

LATITUDE 39°27'30"

(15') 39°30'

STATE OF WEST VIRGINIA



LONGITUDE 81°07'30" (15') 81° 05'

FILE NO. \_\_\_\_\_  
 DRAWING NO. \_\_\_\_\_  
 SCALE **1" = 500'**  
 MINIMUM DEGREE OF ACCURACY **1:200**  
 PROVEN SOURCE OF ELEVATION **BM 647'**

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 L. Hessel  
 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 **27 JANUARY**, 19 **82**  
 OPERATOR'S WELL NO. **BKK 51**  
 API WELL NO. \_\_\_\_\_  
**47** - **073** - **1438**  
 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 **739'** WATER SHED **JAVA RUN**  
 DISTRICT **UNION** COUNTY **PLEASANTS**  
 QUADRANGLE **RAVEN ROCK 7 1/2' QUAD.**

SURFACE OWNER **OKEY BENNETT** ACREAGE **31**  
 OIL & GAS ROYALTY OWNER **OKEY BENNETT** LEASE ACREAGE **31**

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 **5900'**  
 WELL OPERATOR **BKK PROSPECTING** DESIGNATED AGENT **JOHN GRAHAM**  
 ADDRESS **45 NORTH ROAD NILES, OHIO 44446** ADDRESS **209 SECOND STREET ST. MARYS, W.VA. 26170**