FORM IV-2
(Obverse)

(Revised 3-81)

Well No. O. Cox BKK 31
Farm Omie Cox
API #47 - 073- 1309
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: 1061' Watershed: Fish Pot Run
District: Union County: Pleasants Quadrangle: Raven Rock

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

OIL AND GAS ROYALTY OWNER Omie Cox
Address St. Marys. WV

Acreage 32.75

SURFACE OWNER Omie Cox
Address St. Marys, WV

Acreage 32.75

FIELD SALE (IF MADE) TO:
NAME
Address

OIL AND GAS INSPECTOR TO BE NOTIFIED:

NAME Phillip Tracy
Address Route # 3
Alma, West Virginia 26320
Telephone 304-758-4573

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

COAL OPERATOR
Address

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

NAME
Address

COAL LESSEE WITH DECLARATION ON RECORD:
NAME
Address

RECEIVED
SEP 9 - 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 X / other contract ___ / dated Aug. 17, 1981, to the undersigned well operator from Omie and Dorthy Cox Heirs.

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

Recorded on August 17, 1981, in the office of the Clerk of County Commission of Pleasants County, West Virginia, in 167 Book at page 64. 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 BOND

B.K.K. 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) _____

Address _____

_____

GEOLOGICAL TARGET FORMATION Shale
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 X /

CASING AND TUBING PROGRAM

CASING OR TUBING TYPE	SPECIFICATIONS Size	Grade	Weight per ft	New	Used	FOOTAGE INTERVALS For Drilling	Left in Well	CEMENT FILL-UP OR SACKS Cubic ft.	PACKERS
Conductor	13-5/8			X			X	To surface	Kinds
Fresh water									
Coal									Sizes
Intermed.	8-5/8		20	X		1161'	1161'	To surface	
Production	4+1/2"		10.5	X		5900'		590 sks	Depths set
Tubing								Cement	
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 18, 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 5-14-82.

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:

WAIVER

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 regularions.

Date: _____, 19___.

B.K.K. Prospecting, LTD

By: John Graham

Its: Designated Agent

Form IV-9
(01-80)

Date 18 August 1981
Well No. BKK-31
API No. 47 - 073 - 1309
State County Permit

#655

STATE OF WEST VIRGINIA
OFFICE OF OIL AND GAS

Company Name BKK Prospecting
Address 45 North Rd., Niles, Ohio 44446
Telephone 216-652-5991
Landowner Omie Cox

Designated Agent John Graham
Address 209 Second St, St. Marys, W.Va. 26170
Telephone 684-7493
Soil Cons. District Upper Ohio

Revegetation to be carried out by Jim Renner (Agent)

This plan has been reveiwed by Upper Ohio SCD. All corrections and additions become a part of this plan. 9/4/81 (Date) Kenneth R. Moore (SCD Agent)

Access Road		Location	
Structure Cross Drain	(A)	Structure Diversion Ditch	(1)
Spacing		Material Soil	
Page Ref. Manual 1:3		Page Ref. Manual 1:9	
Structure Rip-Rap	(B)	Structure Rip-Rap	(2)
Spacing		Material Rock-Stone-Brush	
Page Ref. Manual N/A		Page Ref. Manual N/A	
Structure	(C)	Structure	(3)
Spacing		Material	
Page Ref. Manual		Page Ref. Manual	

All structures should be inspected regularly and repaired if necessary.

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SEP 9 - 1981
OIL AND GAS DIVISION
WV DEPARTMENT OF MINES

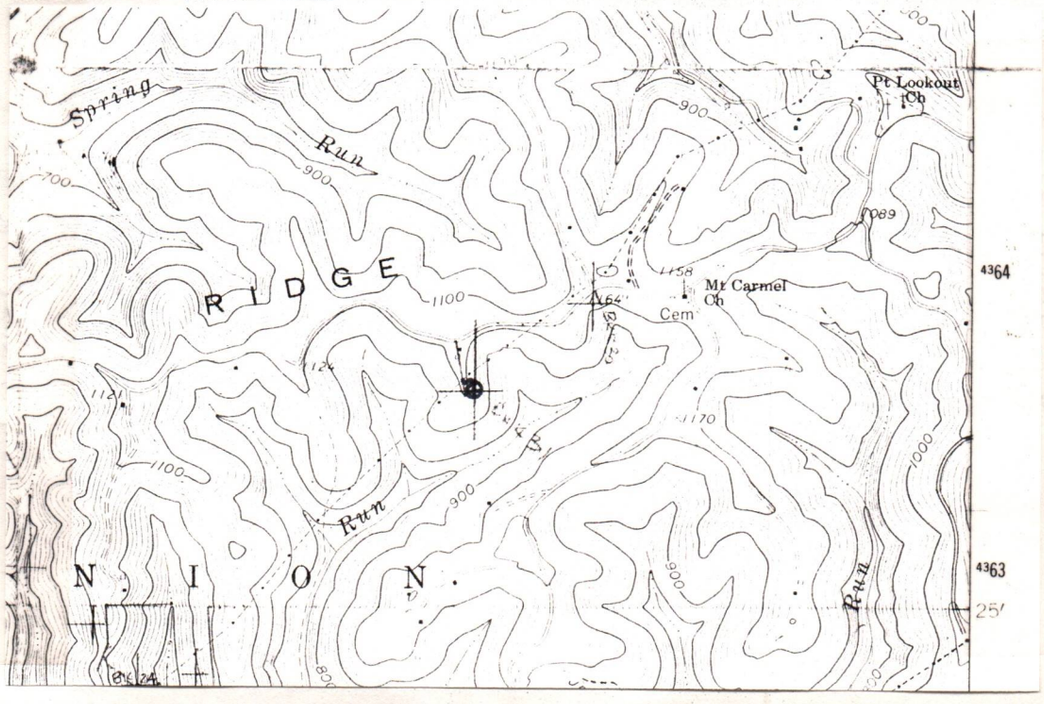
Revegetation

Treatment Area I		Treatment Area II	
Lime or correct to pH 6.5	Tons/acre	Lime or correct to pH 6.5	Tons/Acre
Fertilizer 500 (10-20-20 or equivalent)	lbs/acre	Fertilizer 500 (10-20-20 or equivalent)	lbs/acre
Mulch Hay 2	Tons/Acre	Mulch Hay 2	Tons/Acre
Seed* KY31 Fescue 35	lbs/acre	Seed* KY31 Fescue 35	lbs/acre
Redtop 5	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.

Attach or photocopy section of involved Topographic map. Quadrangle Raven Rock, W.Va.

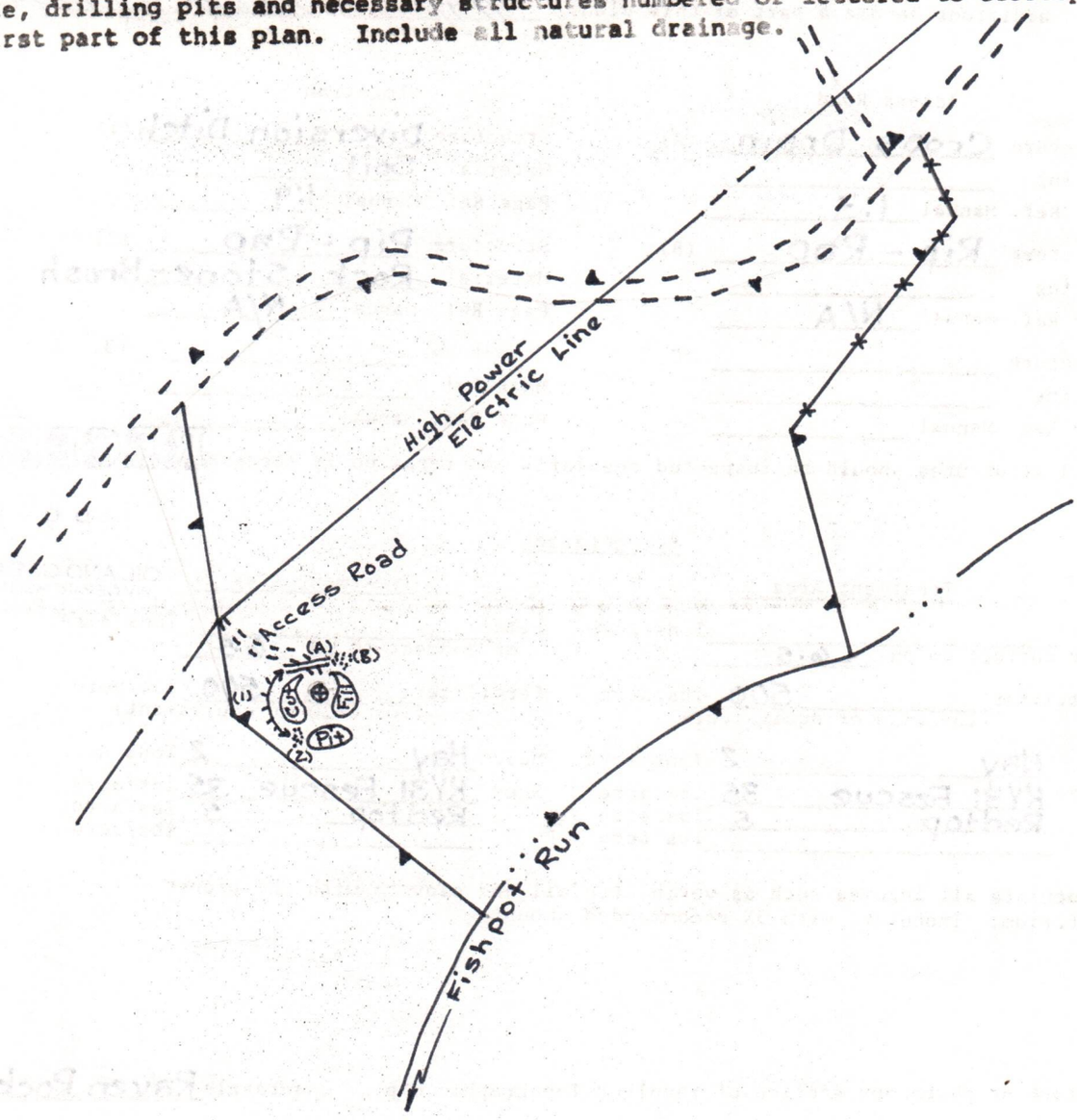
Legend: ⊕ Well Site
—— Access Road



Well Site Plan

Legend: Property Boundry
Road
Existing Fence
Planned Fence
Stream
Open Ditch
Diversion
Spring
Wet Spot
Building
Drain Pipe
Waterway

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



Comments: (1) Average Slope of Access Road 10%
(2) Length of Access Road 200'
(3) Brush and Trees to be Piled at Site before any earth moving.

Signature: John Graham
Agent

209 Second St.
St. Marys W.V. 26170
Address

684-2448 Office
684-7493 Home
Phone Number

Please request landowners cooperation to protect new seeding for one growing season.

IV-35
(Rev 8-81)

RECEIVED
OCT 2 - 1984
OIL & GAS DIVISION
DEPT. OF MINES

FERC File

State of West Virginia
Department of Mines
Oil and Gas Division

Date
Operator's
Well No. BKK 31
Farm Omie Cox
API No. 47 - 073 - 1309

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 X /)

LOCATION: Elevation: 1061 Watershed Fishpot run
District: Union County Pleasants Quadrangle Raven Rock

COMPANY BKK Prospecting, LTD
ADDRESS 45 North Road, Niles, Ohio 44446
DESIGNATED AGENT John Graham
ADDRESS 209 Second St. St. Marys, WV 26170
SURFACE OWNER Omie Cox
ADDRESS St. Marys, WV 26170
MINERAL RIGHTS OWNER Omie Cox
ADDRESS St. Marys, WV 26170
OIL AND GAS INSPECTOR FOR THIS WORK Robert Lowther ADDRESS Middlebourne, WV 26149
PERMIT ISSUED Sept. 9, 1981
DRILLING COMMENCED 10/19/81
DRILLING COMPLETED 10/22/81
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	1178'	1178'	SURF
7			
5 1/2			
4 1/2	4900	4900	525 sks
3			
2			
Liners used			

GEOLOGICAL TARGET FORMATION Ohio Shale Depth 2880-4923 feet
Depth of completed well 4923 feet Rotary x / Cable Tools ___
Water strata depth: Fresh 100 feet; Salt ___ feet
Coal seam depths: 1315, 1418, 1452, 1519 Is coal being mined in the area? no

OPEN FLOW DATA
Producing formation Ohio Shale Pay zone depth 2881-4828 feet
Gas: Initial open flow 10 Mcf/d Oil: Initial open flow 5 Bbl/d
Final open flow 5 Mcf/d Final open flow 1 Bbl/d
Time of open flow between initial and final tests 150 hours
Static rock pressure 1150 psig (surface measurement) after 120 hours shut in
(If applicable due to multiple completion--)
Second producing formation Riley Benson Pay zone depth 4620-4830 feet
Gas: Initial open flow 10 Mcf/d Oil: Initial open flow 5 Bbl/d
Final open flow 5 Mcf/d Oil: Final open flow 1 Bbl/d
Time of open flow between initial and final tests 150 hours
Static rock pressure 1150 psig (surface measurement) after 120 hours shut in

PLEAS 1309

FORM IV-35
(REVERSE)

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

Perforated 2881-4828 33 shots
foam fractured

WELL LOG

FORMATION	COLOR	HARD OR SOFT	TOP FEET	BOTTOM FEET	REMARKS Including indication of all f and salt water, coal, oil and
sand & shale	gray	hard	0	1192	casing
Allegheny	"	"	1192	1314	
coal	dark	soft	1314	1317	coal seam
salt sand	gray	hard	1317	1392	
pottsville	"	"	1392	1417	
coal	dark	soft	1417	1420	coal seam
pottsville	gray	hard	1420	1435	
salt sand	"	"	1435	1496	coal seam
mauch chunk	"	"	1496	1575	
maxon sand	dark	"	1575	1600	
mauch chunk	gray	"	1600	1696	
Big lime	"	"	1696	1740	
greenbrier	"	"	1740	1782	
Big injun	"	"	1782	1875	
squaw	"		1875	1956	
pocono	"	"	1956	2300	
berea	"	"	2300	2305	
hampshire	"	"	2305	2416	start dedonian
gantz	"	"	2416	2443	
hampshire	"	"	2443	2576	
thirt foot	"	"	2576	2588	
hampshire	"	"	2588	2698	
gordon	"	"	2698	2713	
Ohio shale	"	"	2713	4610	
Riley	"	"	4610	4632	
Ohio shale	"	"	4632	4822	
Benson	"	"	4822	4832	
Ohio shale	"	"	4832	4923	

(Attach separate sheets as necessary)

BKK Prospecting, LTD
Well Operator

By: John Graham — John Graham-Designated Ag

Date:

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

IV-20
Obverse
1-84

RECEIVED
NOV 2 7 1984
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
November 1, 1984

COMPANY BKK Prospecting, LTD
45 North Road
Niles, Ohio 44446

PERMIT NO 073-1309
FARM & WELL NO Omie Cox #31
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. H. Lowther
DATE Nov 21, 1984

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.

Administrator-Oil & Gas Division

January 9, 1985
DATE

TMS/nw

RECEIVED
MAY 19 1982
OIL & GAS DIVISION
DEPT. OF MINES

FERC-121

1.0 API well number: (If not available, leave blank. 14 digits.)	Permit No. 47-073-1309
2.0 Type of determination being sought: (Use the codes found on the front of this form.)	107 (Section of NGPA) — N/A (Category Code)
3.0 Depth of the deepest completion location: (Only needed if sections 103 or 107 in 2.0 above.)	4923' feet
4.0 Name, address and code number of applicant: (35 letters per line maximum. If code number not available, leave blank.)	Name: B.K.K. Prospecting, LTD — Seller Code: Street: 45 North Road City: Niles, — State: Ohio — Zip Code: 44446
5.0 Location of this well: (Complete (a) or (b).) (a) For onshore wells (35 letters maximum for field name.)	Field Name: Omie Cox County: Pleasants — State: West Virginia
(b) For OCS wells:	Area Name: N/A — Block Number: N/A Date of Lease: Mo. Day Yr. — OCS Lease Number: N/A
(c) Name and identification number of this well: (35 letters and digits maximum.)	Cox BKK 31
(d) If code 4 or 5 in 2.0 above, name of the reservoir: (35 letters maximum.)	N/A
6.0 (a) Name and code number of the purchaser: (35 letters and digits maximum. If code number not available, leave blank.)	Name: Columbia Gas Transmission Corp. — Buyer Code: 004030
(b) Date of the contract:	Mo. Day Yr.
(c) Estimated annual production:	15 MMcf.

	(a) Base Price ($/MMBTU)	(b) Tax	(c) All Other Prices (Indicate (+) or (-).)	(d) Total of (a), (b) and (c)
7.0 Contract price: (As of filing date. Complete to 3 decimal places.)	—.— — —	—.— — —	—.— — —	—.— — —
8.0 Maximum lawful rate: (As of filing date. Complete to 3 decimal places.)	4 920 —.— — —	—.— — —	—.— — —	—.— — —

9.0 Person responsible for this application:

Name: John Graham — Title: Designated Agent

Signature: John Graham

Date Application is Completed — Phone Number: 684-2449

Agency Use Only

Date Received by Juris. Agency

Date Received by FERC: MAY 19 1982

PARTICIPANTS: DATE: NOV 11 1982 BUYER-SELLER CODE

WELL OPERATOR: B. K. H. Prospecting, Ltd. —

FIRST PURCHASER: Columbia Gas Trans. Corp. 004030

OTHER:

W. Va. Department of Mines, Oil & Gas Division
WELL DETERMINATION FILE NUMBER
820519-107-073-1309
Use Above File Number on all Communications Relating to Determination of this Well

Log Checked for Analyses 1/11/84

CHECK EACH ITEM AS COMPLETE OR NOTE WHAT IS MISSING

ITEM NO.

1. FERC -121 ✓ Items not completed - Line No. A1120 8.0 b,c,d
2. IV-1 Agent John Graham
3. IV-2 Well Permit —
4. IV-6 Well Plat ✓
5. IV-35 Well Record ✓ Drilling ✓ Deepening —
6. IV-36 Gas-Oil Test: Gas Only — Was Oil Produced? — Ratio —
7. IV-39 Annual Production — years
8. IV-40 90 day Production — Days off line: —
9. IV-48 Application for certification. Complete? ✓

10-17. IV Form 51 - 52 - 53 - 54 - (55) - 56 - 57 - 58 Complete? ✓ Affidavit Signed ✓

18-28. Other: Survey Logs Geological Charts
Structure Map 1: 4000 Map Well Tabulations
Gas Analyses

(5) Date commenced: 10-19-81 Date completed 10-22-81 Deepened —

(5) Production Depth: 2881-4825, 4620-30

(5) Production Formation: Ohio Shale, Riley Benson

(5) Final Open Flow: NA

(5) After Frac. R. P. 1150 #

(6) Other Gas Test: —

(7) Avg. Daily Gas from Annual Production: —

(8) Avg. Daily Gas from 90-day ending w/1-120 days —

(8) Line Pressure: — PSIG from Daily Report

(5) Oil Production: — From Completion Report —

10-17. Does lease inventory indicate enhanced recovery being done NO

10-17. Is affidavit signed? ✓ Notarized? ✓

Does official well record with the Department confirm the submitted information? yes

Additional information — Does computer program confirm?

Was Determination Objected to By Whom?

B

FORM IV-48WC
[12-78]

STATE OF WEST VIRGINIA

DEPARTMENT OF MINES, OIL AND GAS DIVISION

Date _____, 19__

Operator's Well No. O. Cox BKK # 31

API Well No. 47 - 073 - 1309
State County Permit

STATE APPLICATION FOR WELL CLASSIFICATION

Previous File No. _____ (If Applicable)

WELL OPERATOR B.K.K. Prospecting, LTD
ADDRESS 45 North Road
Niles, Ohio 44446

DESIGNATED AGENT John Graham
ADDRESS 209 Second Street
St. Marys, WV 26170

Gas Purchase Contract No. _____ and Date _____ (Month, day and year)

Meter Chart Code _____

Name of First Purchaser Columbia Transmission Corporation
1700 McCorkle Avenue (Street or P. O. Box)
S.E. Charleston, WV 25314
(City) (State) (Zip Code)

FERC Seller Code _____ FERC Buyer Code _____

TYPE OF DETERMINATION BEING SOUGHT:

[X] (1) Initial determination (See FERC Form 121.) 107 Section of NGPA N/A Category Code

[ ] (2) Determination that increased production is the result of enhanced recovery technology.

[ ] (3) Determination of a seasonally affected well.

John Graham — Name (Print)
Designated Agent — Title
John Graham — Signature
209 Second Street — Street or P. O. Box
St. Marys, West Virginia 26170 — City State (Zip Code)
(304) 684-2449 — Area Code Phone Number

(Certificate of Proof of Service to Purchaser)

We hereby certify that we have notified Columbia Transmission Corporation of this filing.

(All of the above to be completed by the Operator/Applicant)

(To be completed by Jurisdictional Agency. Executed copy to be returned to Operator/Applicant and purchaser, if known).

The Department of Mines has received a request, [ ] for certification of the above described well as meeting the requirements of Section _____ under the Natural Gas Policy Act of 1976, (NGPA); [ ] or for determination that increased production is the result of enhanced recovery technology under Section 108 of (NGPA); [ ] or for determination of a seasonally affected well under Section 108 of (NGPA)

All interested parties are hereby notified that on the ____ day of _____, 19__, at the office of the Oil and Gas Division in Charleston, West Virginia, or as soon thereafter as it may be heard, there will be a public hearing, if requested, or if objection is filed.

This Application is assigned File No. _____.

Initial review of information submitted indicates the well [ ] is, [ ] is not entitled to certification as claimed under the Natural Gas Policy Act (NGPA). A review of this evidence and any additional evidence will be made at the time appointed for a public hearing or as soon thereafter as the matter may be heard.

Unless objections are timely filed or a request for a hearing is made within fifteen (15) days, a hearing will not be held except on ex parte motion of the department and the matter will go to determination.

WEST VIRGINIA DEPARTMENT OF MINES

_____ Director

By _____

Title _____

MAY 19 1982
Date received by Jurisdictional Agency

DEPARTMENT OF MINES, OIL AND GAS DIVISION

Operator's Well No BKK 31 O. Cox

API Well No 47 - 073 - 130
State County Formi

WELL CLASSIFICATION FORM

HIGH COST GAS WELL - DEVONIAN SHALE

NGPA Section 107

DESIGNATED AGENT John Graham

ADDRESS 209 Second Street

St. Marys, WV 26170

WELL OPERATOR B.K.K. Prospecting, LTD

ADDRESS 45 North Road

Niles, Ohio 44446

GAS PURCHASER Columbia Gas

ADDRESS 1700 McCorkle Ave. S.E

Charleston, WV 25314

LOCATION Elevation

Watershed Fishpot run

Dist. Union County Pleasants Quad. Raven Rock

Gas Purchase Contract No.

Meter Chart Code

Date of Contract

* * * * * * * * * * * * * * * * * *

Date surface drilling began: 10/19/81

Indicate the bottom hole pressure of the well and explain how this was calculated.

$BHP = P_1 + P_1 (e^{GL/53.34T} - 1)$

P = 1150
1 = 14.7
G = 0.70
L = 4828
T = 578.3

BHP = 1299.56

AFFIDAVIT

I, John Graham, having been first sworn according to law, state that, I have calculated the percentage of footage of the producing interval which is not Devonian shale as indicated by a Gamma Ray index of less than 0.7 if a Gamma Ray log described subparagraph (3)(i) or (3)(ii)(A) has been filed, or as indicated by the report described in subparagraph (3)(ii)(B); I have demonstrated that the percentage of potentially disqualifying non-shale footage is equal to or less than five (5) percent of the gross Devonian age interval; and I have no knowledge of any information not described in the application which is inconsistent with a conclusion that the well qualifies as a high cost natural gas well.

John Graham

STATE OF WEST VIRGINIA,

COUNTY OF Pleasants, TO WIT:

I, Sara Lou Shingleton, a Notary Public in and for the state and county aforesai do certify that John Graham, whose name is signed to the writing above, bearing date the 18th day of May, 19 82, has acknowledged the same before me, in my county aforesaid.

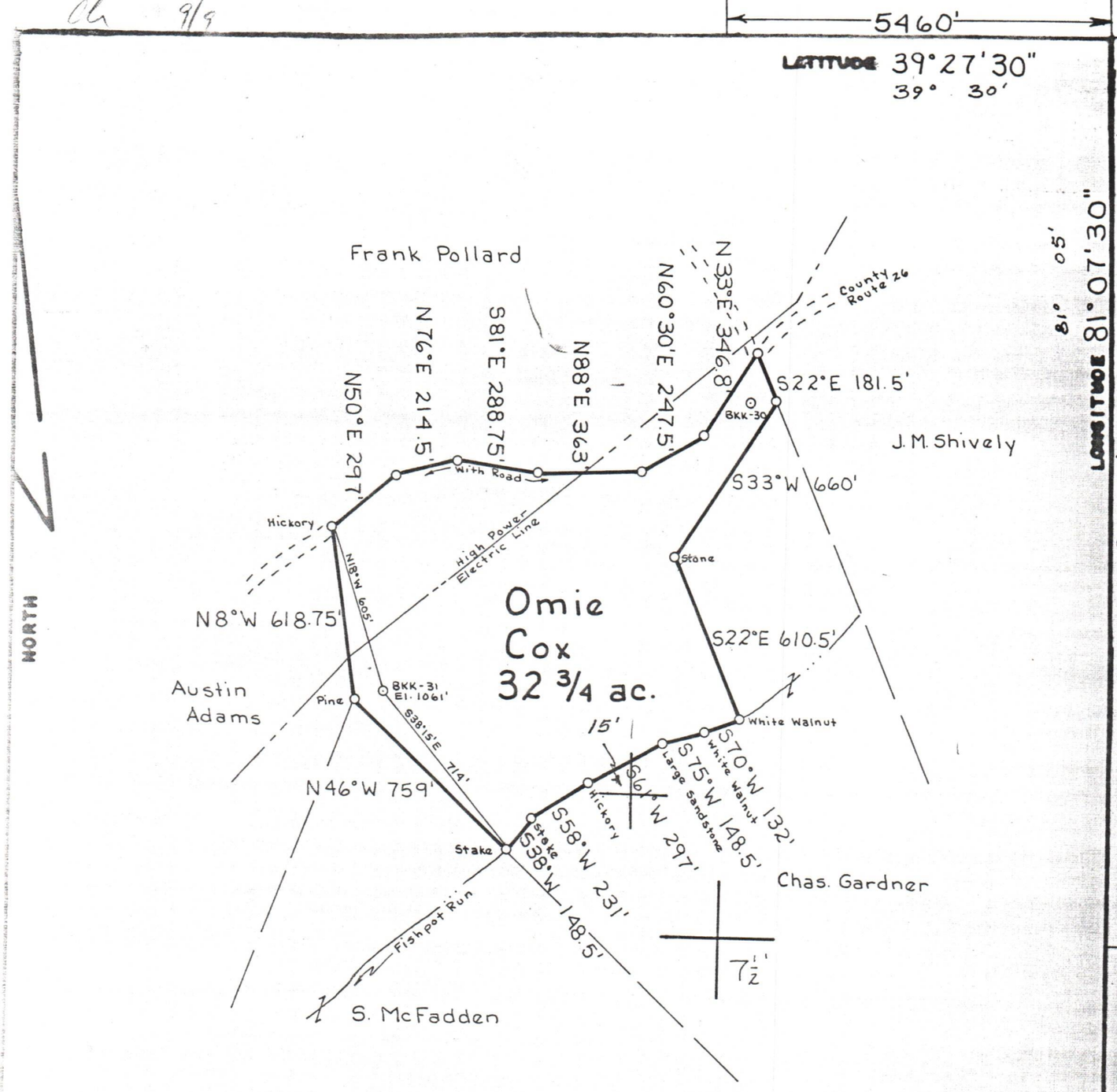
Given under my hand and official seal this 18th day of May, 1982.

My term of office expires on the 9th day of November, 1983.

Sara Lou Shingleton
Notary Public

[NOTARIAL SEAL]

CG 9/8



FILE NO. _____

DRAWING NO. _____

SCALE 1" = 500'

MINIMUM DEGREE OF ACCURACY 1:200

PROVEN SOURCE OF ELEVATION Road Int. 1164'

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. Mossor

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

WILLIAM R. MOSSOR LICENSED No. 551 STATE OF WEST VIRGINIA LAND SURVEYOR

PLACE SEAL HERE

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

FORM IV-6
(8-73)

DATE 8 August, 19 81

OPERATOR'S WELL NO BKK-31

API WELL NO.
47 - 073 - 1309
STATE COUNTY PERMIT

STATE OF WEST VIRGINIA
DEPARTMENT OF MINES
OIL AND GAS DIVISION

WELL TYPE: OIL X GAS X LIQUID INJECTION ___ WASTE DISPOSAL ___
(IF "GAS", PRODUCTION X STORAGE ___ DEEP ___ SHALLOW X

LOCATION: ELEVATION 1061' WATER SHED Fishpot Run
DISTRICT Union COUNTY Pleasants
QUADRANGLE Raven Rock, W. Va. 7½' Quad.

SURFACE OWNER Omie Cox ACREAGE 32 3/4

OIL & GAS ROYALTY OWNER Omie Cox LEASE ACREAGE 32 3/4
LEASE NO. _____

PROPOSED WORK: DRILL X 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 Shale ESTIMATED DEPTH 5900'

WELL OPERATOR BKK Prospecting DESIGNATED AGENT John Graham

ADDRESS 45 North Road ADDRESS 209 Second St.

Niles, Ohio 44446 St. Marys, W.Va. 26170