

1) Date:	October	14	19	82

2) Operator's WK-166 Well No.

WELL TYPE: A Oil / Gas X / B (If "Gas", Production X / Underground storage / Deep / Shallow Elevation: 837.8	7.5'
LOCATION:   Elevation:   837.8   Watershed:   Haddox Run	7.5'
B (If "Gas", Production X / Underground storage / Deep / Shallow LOCATION: Elevation: 837.8	7.5'
LOCATION:   Elevation:   837.8   Watershed:   Haddox Run	7.5'
District: Clay County: Ritchie Quadrangle: Pennsboro, WELLOPERATOR KEPCO, Inc.  Address 436 Blvd. of the Allies Address P. O. Box 1550  Pittsburgh, PA 15216  OIL & GAS ROYALTYOWNER Harvey K. Haymond, Jr.  Address W. Va. Sec. Rt. 74  Pennsboro, WV 26415  Acreage 606.0  SURFACE OWNER Harvey K. Haymond, Jr.  Address W. Va. Sec. Rt. 74  Pennsboro, WV 26415  Acreage 700.0  FIELD SALE (IF MADE) TO:  Address Address  District: Clay County: Ritchie Quadrangle: Pennsboro, WV 263  11) DESIGNATED AGENT E. L. Stuart  Address P. O. Box 1550  Clarksburg, WV 263  Address  Address No Coal  Address  Name  FIELD SALE (IF MADE) TO:  Address	01
WELL OPERATOR KEPCO, Inc.  Address 436 Blvd. of the Allies Pittsburgh, PA 15216  OIL & GAS ROYALTY OWNER Harvey K. Haymond, Jr.  Address W. Va. Sec. Rt. 74 Pennsboro, WV 26415  Acreage 606.0  SURFACE OWNER Harvey K. Haymond, Jr.  Address W. Va. Sec. Rt. 74 Pennsboro, WV 26415  Acreage 700.0  FIELD SALE (IF MADE) TO: Address Address  11) DESIGNATED AGENT E. L. Stuart  Address P. O. Box 1550 Clarksburg, WV 263  Address  Address  Name No Coal  Name FIELD SALE (IF MADE) TO: Address  Address	01
Address 436 Blvd. of the Allies Pittsburgh, PA 15216  OIL & GAS ROYALTYOWNER Harvey K. Haymond, Jr. Address Pennsboro, WV 26415  Acreage 606.0  SURFACE OWNER Harvey K. Haymond, Jr. Address W. Va. Sec. Rt. 74 Pennsboro, WV 26415  Acreage 700.0  FIELD SALE (IF MADE) TO: Address  Address P. O. Box 1550 Clarksburg, WV 263  Address Address  P. O. Box 1550  Clarksburg, WV 263  Address Address  P. O. Box 1550  Clarksburg, WV 263	G A
Pittsburgh, PA 15216  OIL & GAS ROYALTYOWNER Harvey K. Haymond, Jr.  Address W. Va. Sec. Rt. 74  Pennsboro, WV 26415  Acreage 606.0  SURFACE OWNER Harvey K. Haymond, Jr.  Address W. Va. Sec. Rt. 74  Address W. Va. Sec. Rt. 74  Pennsboro, WV 26415  Acreage 700.0  Name  FIELD SALE (IF MADE) TO:  Address  Clarksburg, WV 263  Clarksburg, WV 263  Clarksburg, WV 263  Address  Clarksburg, WV 263  Address  Name  No Coal  Name  FIELD SALE (IF MADE) TO:  Address	G A
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ROYALTY OWNER Harvey K. Haymond, Jr.  Address W. Va. Sec. Rt. 74 Pennsboro, WV 26415  Acreage 606.0  SURFACE OWNER Harvey K. Haymond, Jr.  Address W. Va. Sec. Rt. 74 Pennsboro, WV 26415  Acreage 700.0  FIELD SALE (IF MADE) TO: Address  Address  Lack Haymond, Jr. Address Name No Coal Name Address Name Address	CORD:
Address  W. Va. Sec. Rt. 74  Pennsboro, WV 26415  Acreage 606.0  SURFACE OWNER Harvey K. Haymond, Jr.  Address W. Va. Sec. Rt. 74  Pennsboro, WV 26415  Acreage 700.0  FIELD SALE (IF MADE) TO:  Address Address	CORD:
Pennsboro, WV 26415  Acreage 606.0  SURFACE OWNER Harvey K. Haymond, Jr.  Address W. Va. Sec. Rt. 74 Pennsboro, WV 26415  Acreage 700.0  FIELD SALE (IF MADE) TO: Address  Address	CORD:
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SURFACE OWNER Harvey K. Haymond, Jr.  Address W. Va. Sec. Rt. 74 Pennsboro, WV 26415  Acreage 700.0 Name  FIELD SALE (IF MADE) TO: Address	ORD:
Address	
Pennsboro, WV 26415  Acreage 700.0 Name  FIELD SALE (IF MADE) TO: Address	TW
Acreage 700.0 Name FIELD SALE (IF MADE) TO: Address	III W
FIELD SALE (IF MADE) TO: Address	d (m)
Address upon the state of the s	
	(5)
	D. 1982
OIL & GA Samuel N. Hersman	ND.
P.O. Box 66	CANAL !
Address Smithville, W.Va. 20170	S DIVISI
PH: 477-3597	FMI
PROPOSED WORK: Drill X / Drill deeper / Redrill / Fracture or stimulate /	
18) Approximate water strata depths: Fresh, 70 feet; salt, feet.  19) Approximate coal seam depths: No Coal Is coal being mined in the area? Yes / No	x
CASING AND TUBING PROGRAM	
CASING OR SPECIFICATIONS FOOTAGE INTERVALS CEMENT FILL-UP PACKER	S
TUBING TYPE   Weight   OR SACKS   Oracle   For drilling   Left in well   Cubic feet)	
Conductor 11-3/4 H-40 42 x 20 20 Kinds	
Fresh water	10-0-
Coal Sizes	
Intermediate 8-5/8 J-55 23 x 300 300 Circulate	
Production   4-1/2 J-55   10.5   x     5700   540 515.   Depths 60 5	
4-1/2 0-33 10.3 A	00
Tubing reg by Rule 15	00
Tubing reg by Rule 15	Bottom
Tubing Liners  Perforations:	Bottom
Tubing Liners  Perforations:	Bottom

OFFICE USE ONLY

**DRILLING PERMIT** 

October 04/05/2024 82

This permit covering the well operator and well location shown below is evidence of permission granted to drill 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. (Refer to No. 10) Prior to the construction of roads, locations and pits for any permitted work. In addition, the well operator or his contractor shall notify the

proper district oil an	d gas inspector 24	4 hours	before a	ctual permitte	d work has con	menced.) The state of the state
Permit expires	June	27,	1983	4	unless d	illing is commenced prior to that date and prosecuted with due diligence.
Bond:	Agent: OK	Plat:	P	Casing	Fee	11111
BLANKE	T lo	1	18.	S.M.	2078	Administrator, Office of Oil and Gas

47-085-5968

ermit number

### Line Item Explanation

- 1) Date of Application
- 2) Your well name and number
- 3) To be filled out by office of oil & gas
- 4A) "Oil" means natural crude oil or petroleum and other hydrocarbons, regardless of gravity, which are produced at the well in liquid form by ordinary production methods and which are not the result of condensation of gas after it leaves underground reservoirs: "Gas" means all natural gas and all other fluid hydrocarbons not defined as oil.
- 4B) "Shallow well" means any well drilled and completed in a formation above the top of the uppermost member of the "Onondaga Group" or a depth less than six thousand feet, whichever is shallower.
  - "Deep well" means any well drilled and completed in a formation at or below the top of the uppermost member of the "Onondaga Group" or at a depth less then six thousand feet, whatever is shallower.
  - 5) Where well is located
  - 6) Before a permit can be issued in a corporation, company partnership, or fictitious name, the name must be registered with the Secretary of State Office
  - 7) Use separate sheet if necessary
  - 8) Present surface owner at time application is filed.
  - 9) Optional
- 11) See Reg. 7.01 relating to code §22-4-1k
- 12) "Coal Operator" means any persons, firm, partnership, partnership association or corporation that proposes to or does operate a coal mine. See Note 24
- 13 & 14) As per §22-4-20; See Note 24
  - 15) Work that will be attempted—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.
  - 16) Anticipated formation for which well will be completed
  - 17) Self explanatory
  - 18) Depth to deepest freshwater, and shallowest salt water, taken from nearby wells corrected for differences in elevation
  - 19) All coal seam depths
  - 20) Proposed casing program and cementing refer to Code 22-4-5, 22-4-6, 22-4-7, 22-4-8, 22-4-8a Reg 9.01, 15.01, 15.02, 15.03, 15.04, 25.01, 25.02, 25.03, 25.04
  - 21) Code 22-4-11(c) In lieu of filing the lease or leases or other continuing contract or contracts, the applicant for a permit described herein may file the following:
    - (1)A brief description of the tract of land including the district and county wherein the tract is located;
    - (2) The identification of all parties to all leases or other continuing contractual agreements by which the right to extract, produce or market the oil or gas is claimed;
    - (3) The book and page number wherein each such lease or contract by which the right to extract, produce or market the oil or gas is recorded;
    - (4)A brief description of the royalty provisions of each such lease or contract.
  - 22) Code 22-4-11(d) and 22-4-11(e).
  - 23) 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.
  - 24) 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 the receipt of this Application by the Department.

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.

The undersigned coal operator	/ owner	/ lessee	/of the coal u	nder this well lo	05/2024 ocation has ex-
mined this proposed well location. If	a mine map exists v	which covers the are	ea of the well location	on, the well loca	ation has been
dded to the mine map. The undersign perator has complied with all applications					
oth and a sput prosecuted with throughly ence	ulia beatraman et rolli	nh gesting.	"No Co	AL"	Person expires
Date:	unbrid p	877Bv	19 14/11	i TB	DIFAR

Its

WAIVER

Clay

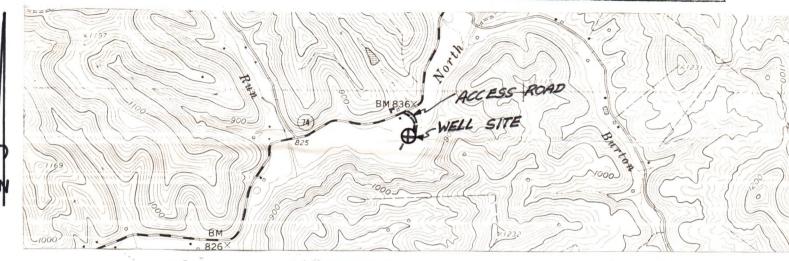
COUNTY\_

WELL NO.\_ WK-166

SCALE: 1" = 2000

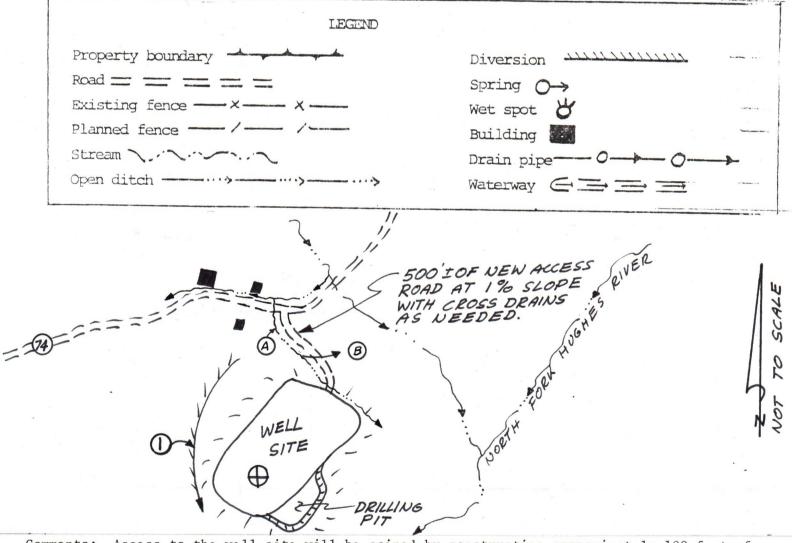
ATTACH OR PHOTOCOPY SECTION OF INVOLVED TOPOGRAPHIC MAP. QUADRANGIE Pennsboro, 7.5'

LEGEND Well Site Access Road

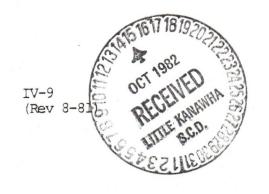


WELL SITE PLAN

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



Comments: Access to the well site will be gained by constructing approximately 100 feet of new access road, beginning at a junction point in the Ritchie County Route 74. The access road will be sloped at 2-3% towards the open ditch. All outlets of drainage 14/05/2024nd ditches will be to stable areas. The well location will be located in a flat cleared area. All brush and timber will be removed from the area to be disturbed prior to any earth moving activities. The road and well site will be brought to desired grade with erosion control structures being installed in conjunction with the grading. Under most conditions, the preceeding plan will be followed; however, due to lease restrictions, surface owner request and weather conditions, etc., the plan may be altered. Subsequently, the proper erosion and sediment control measures will be installed. Any major alteration in this plan will be submitted to the District for review.





DATE		October	13,	1982		
WET.I.	NO	WK-166	7		0	

# State of Mest Mirginia API NO. 47 Bepartment of Mines Gil und Gas Division

## API NO. 47 - 085 - 5968

### CONSTRUCTION AND RECLAMATION PLAN

COMPANY NAME KEPCO, Inc.		ESIGNATED AGENT	E. L. Stuart
Address 436 Boulevard of the All Pittsburgh, PA 15219	ies	Address	P. 0. Box 1550 Clarksburg, WV 26301
Telephone 412-471-7600		Telephone	304-624-6576
LANDOWNER H. K. Haymond, Jr.		SOIL CONS. DISTR	NCT Little Kanawha
Revegetation to be carried out by	E. L.	Stuart	(Agent)
This plan has been reviewed by	Littl	e Kanawha s	CD. All corrections
and additions become a part of this pla	an:	10-17-82	
		(Date)	0
	Jar	SCD Agent)	on
ACCESS ROAD		LOC	PATION
Structure Drainage Ditch	(A)	Structure Diver	sion Ditch (1)
Spacing As shown on sketch		Material Earth	1
Page Ref. Manual 2-12 to 2-14		Page Ref. Manual	2-12 to 2-13
Structure Cross Drains	(B)	Structure	(2
Spacing As shown on sketch	,,	Material	TOTAL TRANSPORT
Page Ref. Manual 2-1 to 2-4		Page Ref. Manual	AND ASSESSED.
Structure	(C)	Structure	OCT 2 2 1982
Spacing		Material	OIL & GAS DIVISION
Page Ref. Manual		Page Ref. Manual	DEPT. OF MINE
All structures should be inspected commercial timber is to be cut and s cut and removed from the site before	tacked and	all brush and sme	necessary. All all timber to be
R	EVEGETATIO	N	
Treatment Area I		Treatme	ent Area II
Lime 3.0 Tons/acr	e	Lime	3.0 Tons/acre
or correct to pH 6.5		or correct to	
Fertilizer 600 lbs/acre (10-20-20 or equivalent)		Fertilizer (10-20-	600 lbs/acre -20 or equivalent)
Mulch Hay or straw 2.0 Tons/acr	е .	Mulch Hay or st	
Seed* Ky 31 Tall Fescue 40 lbs/acre		Seed* Ky 31 Tal:	The state of the s
Birdsfoot Trefoil 10 lbs/acre	Čs.	Birdsfoot	E CONTRACTOR OF THE PARTY OF TH
Dom. Rye Grass 10 lbs/acre		Dom. Rye	Grass 10 lbs/acre
*Inoculate all legumes such as vetch Inoculate with 3X recommended amount.		du	the prop <mark>04/05/2024.</mark> **YOU JULY SET VICE SET VICE SET VICE SET VICE SET VICE SET VICE VICE VICE VICE VICE VICE VICE VICE
NOTES: Please request landowners'	A	ADDRESS 102 S. F	Fourth Street
cooperation to protect new seedling for one growing season.	*		
Attach separate sheets as		Clarksburg	g, West Virginia 26301



### State of Mest Nirginia

Bepartment of Mines Bil and Gas Bivision Oharleston 25305

December 10, 1982

Mountain State Environmental Service 609 West Main Street P.O. Drawer 190 Clarksburg, W.Va. 26301 Attn: Jerry Queen

In Re: Check # 2078

dated 10-22-82

Dear Mr. Queen:

As per our conservation of today I am returning the above captioned check in the amount of \$800.00. Please cancel this check and submit one in the amount of \$ 300.00 to cover the following permits issued on the 27th. of October, 1982, (RIT-5966 - 5967 & 5968)

We are also returning the following applications to drill, plats, and IV'9's for the following wells: WK-167 - WK-168 - WK-169 - WK-170 - WK-171 as per requested.

Please submit the \$ 300.00 check as soon as possible so it can be deposited for this month.

Sincerely,

( harlath 1) Jelam

Charlotte Milam, Clerk Office of Oil & Gas

Encl: (5) Applications to drill and Check # 2078......

MOUNTAIN STATE ENVIRONMENTAL SERVICE Clarksburg Community Bank

CLARKSBURG, W. VA.

2078

P.O. DRAWER 190

CLARKSBURG, WV 26301

PH. 624-9700

W. Va. Dept. of Mines

DATE

AMOUNT

October 22, 1982

\$800.00

"OO 20 78" 01:0515012151: 00 1029 0"

04/05/2024

### STATE OF WEST VIRGINIA

### DEPARTMENT OF MINES

OIL AND GAS WELLS DIVISION



DEC -3 1982

# OIL AND GAS DIVISION WY DEPARTMENT OF MINES

### INSPECTOR'S WELL REPORT

Permit No. 85-5968

Oil or Gas Well\_

Joinpany Jeco	elne.	CASING AND TUBING	USED IN DRILLING	WELL	PACKERS
Address		Size			
arm Harvey	K. Haymond JR.	16			Kind of Packer
	166	13			
istrict Clay	County Ritchio			Wy	Size of
	11-21-82	6%			Depth set
rilling completed	Total depth	5 3/16			
ate shot	Depth of shot	3			Perf. top
nitial open flow	/10ths Water inInc	Liners Used			Perf. top
	/10ths Merc. inInc				Perf. bottom
1	bbls., 1st 24 hr	s. COAL WAS EN	VICE COMPA	NY AT	No. FTDat FEETINCHES
	feetfee	1			
	an Boyd -Willi				
marks: m //-2	21-82 Ran 122'11 fo t. 11-29-82 Ro	ot of 113 Ca in 1229 for	sing=Hal	Eliberto	nam 55 sa R
marks: on 11-2	21-82 Ran 122'11 fo	ot of 113 Ca in 1229 for	sing=Hal	Eliberto	
marks: m //-2 Comen	21-82 Ran 122'11 fo t. 11-29-82 Ro	ot of 1/3 Ca in 1229 food	sing-Hall	Eliberto	ran 55 soch

### STATE OF WEST VIRGINIA

### DEPARTMENT OF MINES

OIL AND GAS WELLS DIVISION

### INSPECTOR'S PLUGGING REPORT

Permit No				Wel	l No	
COMPANY			ADDRESS			
'ARM		DISTRICT_	CC	UNTY		
illing Material Used						
	eation	Amount		Location		
PLUGS USED A	ND DEPTH PLACED		BRIDGES	CASIN	G AND TU	BING
CEMENT-THICKNESS	WOOD-SIZE	LEAD	CONSTRUCTION-LUCATION	RECOVERED SIZE		
					3-4	
<del></del>						
				S		
rillers' Names						
Remarks:						
DATE	I hereby certify I v	isited the abov	e well on this date.			

р<del>104/05/2024</del>сто»

FORM IV-35 (PEVERSE)

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

5914'-5920' 6 holes > 5602'-5756' 46 holes Perfs: Avg. press. 2900 psi; Avg. rate 26 BPM

Avg. press. 2400 psi; Avg. rate 31 BPM 5004'-5014' 41 holes

25 holes > 4718'-4724' 4340'-4353' Avg. press. 2400 psi; Avg. rate 35 BPM **Halliburton** Fractured: 12-8-82

1st stage 22,500 lbs. 3 stage frac job

28,000 lbs. 2nd stage 28,000 lbs. 3rd stage

500 ga. 15% HCl, 15-N, KCl, WG-12, HC-2, Nitrogen

WELL LOG

			REMARKS		
TORMATION COLOR HARD OR SOFT	TOP FEET	BOTTOM FEET			
	150	a distribution of	and salt water, coal, oil and ga		
Topsoil	0'	30'			
Sandy shale and sand	30'	300'	164' Freshwater		
Sandy shale, sand and shale	300'	596'	A STATE OF THE PARTY OF THE PAR		
Sandy shale and sand	596'	1074'	7.0		
Sandy shale, shale and sand	1074'	1194'			
Sand	1194'	1374'			
Sandy shale and shale	1374'	1511'			
Maxton sand	1511'	1583'			
Sandy shale and shale	1583'	1676'			
Little Lime	1676'	1690'			
Sandy shale	1690!	1702'			
Big Lime	1702'	1775'			
Big Injun	1775'	1915'			
Sand and shale	1915'	2106'			
Weir	2106'	2210'			
Sand, shale and sandy shale	2210'	2480'			
Gordon	2480'	2502'			
Sand and shale	2502'	2838'			
Bayard	2838'	2854 '			
Shale	2854 '	3190'			
Speechley	3190'	3258'			
Sandy shale and shale	3258'	3604'			
Balltown	3604	3704'			
Shale and sandy shale	3704'	4112'			
Bradford	4112'	4127			
Shale	4127'	4334'			
Riley	4334 '	4370			
Sandy shale and shale	4370'	4716'			
Benson	4716'	4751'			
Shale and sandy shale	4751'	5003'			
Alexander	5003'	5017'			
Shale	5017'	5556'			
Devonian Shale	5556'	5995'			
TD	The same	5995'			
		Fig. Syn Vill			
THE PROPERTY OF THE PROPERTY O					
	The second second	The second second			

(Attach separate sheets as necessary)

KEPCO, INC. Well Operator OPERATIO4\$05424

Date: December 15, 1982

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 and, encountered in the drilling of a well.

IV-35 (Rev 8-81)

State of Mest Wirginia

Bepartment of Mines Gil und Gas Bivision

Date January 19, 1983
Operator's
Well No. WK-166
Farm Harvey K. Haymond
API No.47 - 085 - 5968

(Continue on reverse side)

JAN 27 1983

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

WELL TYPE: Oil / Gas X / Liquid Inject  (If "Gas," Production X / Underg				illow_x_/)
LOCATION: Elevation: 837.8' Watershed	Haddox Ru	un		
District: Clay County Rit	tchie	Quadrangle	e Pennsb	oro 7.5
				Service of the servic
COMPANY Kepco, Inc. 436 Boulevard of the Allies				OLONO:
ADDRESS Pittsburgh, PA 15219 DESIGNATED AGENT E. L. Stuart	Casing	Used in Drilling	Left	Cement fill up Cu. ft.
ADDRESS Clarksburg, West Virginia 26301		Diffing	III WEII	Cu. IL.
SURFACE OWNER Harvey K. Haymond, Jr	Size 20-16 Cond.			and the second
ADDRESS Pennsboro, West Virginia 26415	13-10"	122'	122'	55 sx thixotropi
MINERAL RIGHTS OWNER Harvey K. Haymond, Jr.	9 5/8			10
ADDRESS W. Va. Sec. Rt. 74 Pennsboro, West Virginia 26415	8 5/8	1224 '	1224'	320 sx pozi 50 sx Class
OIL AND GAS INSPECTOR FOR THIS WORK Samuel P.O. Box 66	7		,	
. Hersman ADDRESS Smithville, WV 26178	5 1/2	530 442		1
PERMIT ISSUED October 22, 1982	4 1/2	5946'	5946'	360 sx pozmix
DRILLING COMMENCED, November 20, 1982	3		m2 1,300 m 1	
DRILLING COMPLETED December 3, 1982	2			
IF APPLICABLE: PLUGGING OF DRY HOLE ON CONTINUOUS PROGRESSION FROM DRILLING OR REWORKING. VERBAL PERMISSION OBTAINED ON N/A	Liners used			
N/A	-			
GEOLOGICAL TARGET FORMATION E1k	744	Dep		feet
Depth of completed well 5995' feet	No	ne	e T∞ls_	
Water strata depth: Fresh 164 feet	t; Salt Repo	rted feet		
Coal seam depths: None Reported	Is coal	being min	ed in the	e area? No
OPEN FLOW DATA Devonian Shale; Alex		\$2.40	3002 ,	
Producing formation Benson; Riley	Pay	y zone dep	th 4718';	4340' feet
Gas: Initial open flow 0 Mcf/c	d Oil: In	itial open	flow	0 Bbl/d
Final open flow 1,152 Mcf/c	d Fi	nal open f	low	0 Bb1/d
Time of open flow between in	nitial and f	inal tests	8 h	ours
Static rock pressure 1450 psig(sur	face measure	ment) afte	r 48 hou	urs shut in
(If applicable due to multiple complete	ion)		0.41	05/0004
Second producing formation	Pag	y zone dep	oth	05/2024 feet
Gas: Initial open flowMcf/c				Bb1/d
Final open flow Mcf/c	d Oil: Fi	nal open f	low	Bb1/d
Time of open flow between in	nitial and f	inal tests	h	ours
Static rock pressure psig(surf	ace measurem	ent) after	. ho	and about in

### STATE OF WEST VIRGINIA

### DEPARTMENT OF MINES

OIL AND GAS WELLS DIVISION



## INSPECTOR'S WELL REPORT OR & GAS DIVISION DEPT. OF MINE!

Samuel M. Hope

Permit No. 85-59	768		Oil or Gas Well						
Company Repco	elne-		CASING AND TUBING	USED IN DRILLING	LEFT IN	PA	CKERS		
Address			Size						
Farm Harney.	H. Haymond	gr.	16			Kind of Pa	acker		
Well No. WK-/	66		10						
District Clay	County Rile	Rie	81/4	,		Size of			
Drilling commenced			65/8		-	Depth set			
Drilling completed	T-4-1 1-41		5 3/16						
Drilling completed			3			Perf. top_			
Date shot	Depth of shot		2			Perf. botto	n1		
Initial open flow	/10ths Water in	Inch	Liners Used			Perf. top_			
Open flow after tubing	/10ths Merc. in_	Inch				Perf. botto	m		
Volume		Cu. Ft.	CASING CEMEN	TED	_SIZE	No. FT	Date		
Rock pressure	lbs	hrs.	NAME OF SERV	VICE COMPA	NY				
O'IL	bbls., 1	1st 24 hrs.	COAL WAS EN	COUNTERED	AT	FEET	INCHES		
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### STATE OF WEST VIRGINIA

### DEPARTMENT OF MINES

OIL AND GAS WELLS DIVISION

### INSPECTOR'S PLUGGING REPORT

COMPANY			ADDRESS				
FARM	DISTRICTCOUNTY						
Filling Material Used							
Liner Lo	ocation	Amount	Packer	Location			
				CASING AND TUBING			
PLUGS USED	AND DEPTH PLACED		BRIDGES				
CEMENT-THICKNESS	WOOD-SIZE	LEAD	CONSTRUCTION-LOCATION	RECOVERED	SIZE	LOST	
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Orillers' Names							
Remarks:							
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OIL AND GAS WELLS DIVISION JUL 2 8 1983



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DISTRICT WELL INSPECTOR

### STATE OF WEST VIRGINIA

### DEPARTMENT OF MINES

OIL AND GAS WELLS DIVISION

### INSPECTOR'S PLUGGING REPORT

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

DATE



# State of Mest Virginia Bepartment of Mines (Dil and Gas Vivision Charleston 25305

WALTER N. MILLER DIRECTOR

THEODORE M. STREIT ADMINISTRATOR

August 12, 1983

Kepco, Inc. 420 Blvd. of the Allies Pittsburgh, Pa. 15219

### Gentlemen:

The required records and reports have been received in this office and the District Inspectors have submitted FINAL INSPECTIONS for the following wells listed below:

PERMIT NUMBER	FARM AND WELL NUMBER	DISTRICT
RIT-5631 RIT-5632 RIT-5828 RIT-5966 RIT-5967 RIT-5968 RIT-6049 RIT-6070 RIT-6075 RIT-6090	Richard "TEX" Robertson, #WK-69 Harvey K. Haymond, #WK-70 Lewis F. Pierce, et ux, #WK-98 Billy B. Harper, #WK-164 Billy B. Harper, #WK-165 Harvey K. Haymond, Jr., #WK-166 Harvey K. Haymond, Jr., WK-178 Harvey K. Haymond, Jr., WK-179 R. T. Robertson, #WK-206 Harvey K. Haymond, Jr., #WK-207	Clay Clay Clay Clay Clay Clay Clay Clay

In accordance with Chapter 22, Article 4, Section 2, the above captioned wells remain under bond coverage for "life of wells." Reclamation requirements have een approved....

ery truly yours,

heodore M. Streit, Administrator ffice of Oil & Gas-Dept. Mines

04/05/2024

Rit-5968 ... .. KW)-1921 117:

THIS MEMORANDUM OF LEASE, Made this 1st day of June, 1981, by and between HARVEY K. HAYMOND and ANNIE B. HAYMOND, his wife, hereinafter referred to as "Lessors," parties of the first part,

### AND

KEPCO, INC., a Kentucky corporation, hereinafter referred to as "Lessee," party of the second part.

WITNESSETH: That for and in consideration of the sum of One Dollar (\$1.00), cash in hand paid by Lessee unto Lessors, and other good and valuable consideration, the receipt of all of which is hereby acknowledged, Lessors, by lease of even date herewith, have demised, leased and let unto Lessee all of those certain seven tracts or parcels of land containing 606 acres, more or less, situate in Clay District of Ritchie County, West Virginia, on the waters of the North Fork of the Hughes River, which tract is more particularly shown upon the map which is attached hereto and made a part hereof, for the purpose of drilling and operating for oil and gas for a term of four (4) years from this day and as long thereafter as oil and gas, or either of them, is produced in paying quantities from the above described tracts or parcels of land, or drilling operations are continuously prosecuted, and for such other purposes and upon such other terms and conditions as are more particularly set forth in said lease.

IN WITNESS WHEREOF, the parties of the first part have hereunto affixed their signatures and seals and KEPCO., INC., a Kentucky corporation, has caused these presents to be signed and its corporate seal to be hereunto affixed by its proper officers thereunto duly authorized.

Harvey K. Haymond (SEAL)

Annie B. Haymond (SEAL)

OCT 2 2 1982

OIL & GAS DIVISION
DEPT. OF MINES

KEPCO, INC.

EXECUTIVE VICE PRESIDE

ATTEST:

R. R. Martin

Its ASSISTANT SECRETARY

STATE OF WEST VIRGINIA, COUNTY OF WOOD, to-wit:

The foregoing instrument was acknowledged before me by HARVEY K. HAYMOND and ANNIE B. HAYMOND, his wife, on this the day of April, 1982.

My commission expires: June 19, 1989.

COMMONWEALTH OF PENNSYLVANIA, COUNTY OF ALLEGHENY, to-wit:

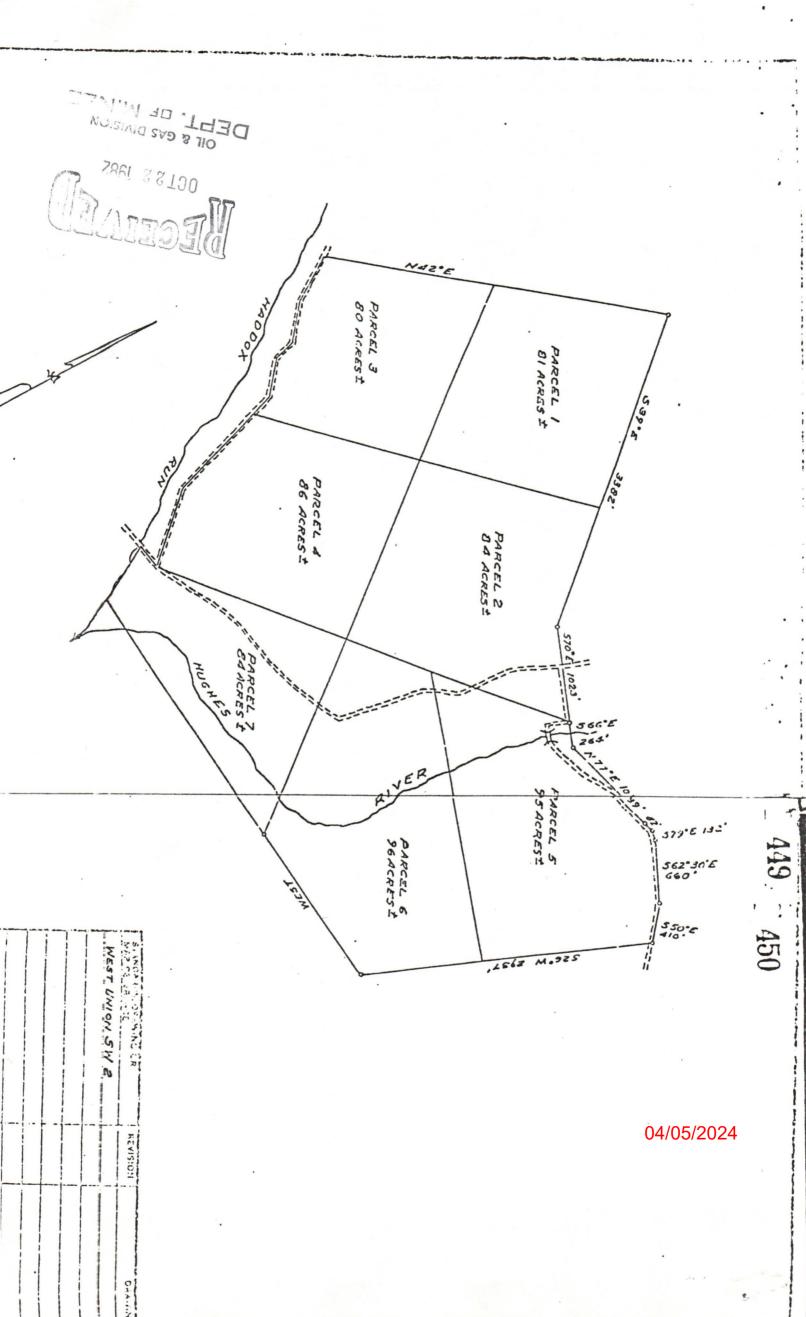
by JOHN G. CALDWELL, as EXECUTIVE VICE PRESIDENT, of KEPCO, INC., a Kentucky corporation, on this the 2/ day of April, 1982, on behalf of said Corporation.

My commission expires:

DEDT. OF MINES

04/05/2024

This instrument was prepared under the direction and supervision of John S. Bailey, Jr., Attorney at Law, Parkersburg, WV 26101.



KW-192

THIS AGREEMENT, Made this the 1st day of June, 1981, by and between HARVEY K. HAYMOND and ANNIE B. HAYMOND, his wife, parties of the first part, hereinafter referred to as "Lessors",

KEPCO, INC., a Kentucky corporation, party of the second part, hereinafter referred to as "Lessee".

WITNESSETH: That for and in consideration of the sum One Dollar (\$1.00), cash in hand paid by Lessee unto Lessors, th receipt whereof is hereby acknowledged, and of the covenants and agreements hereinafter contained, Lessors do hereby grant, demis lease and let unto Lessee, the exclusive right to enter upon and use the land hereinafter described for the exploration for, the production of oil or gas, together with the use of the surface of the land for all purposes incident to the exploration for and production, ownership, possession and transportation of said minerals, all of that certain tract of land situate in Clay District, Ritchie County, West Virginia, on the Waters of the No Fork of the Hughes River, bounded as follows: on the North by lands of Grey Heirs; on the East by lands of Lewis Rodgers, et a on the South by lands of Clayton Davis, et al.; on the West by lands of Haddox Run Road and Richard Tex Robertson, et al.; being seven (7) tracts of land containing 606 acres in all, more or les as more fully described in Exhibit A hereof, reserving, however, 250 feet from any dwelling house or 150 feet from any outbuilding i.e. barns now on the premises, on which no well shall be drilled by either party, except by mutual consent. This lease applies separately to each of said seven (7) tracts the same as if they were leased by seven different leases.



Lessors except and reserve the right to lay a pipeline, at Lessors expense, to the nearest well producing gas on the above described land or lands pooled therewith, and to take gas produced from such well to an amount not to exceed two hundred thousand (200,000) cubic feet per year, free of cost, for Lessors' own use for heat and light on said land at Lessors' risk, subject to the use, operation, pumping and right of abandonment of such well by Lessee. Lessors agree that all gas in excess of two hundred thousand (200,000) cubic feet taken and used in each year shall be paid for by Lessors at the same price Lessee pays Lessors for same, that the measurement and regulation thereof shall be by meter and regulators set at the valve on the well; and that such gas so taken shall be used with economy, in safe and proper pipes and appliances, and that Lessors shall subscribe to and be bound by the reasonable rules and regulations of Lessee published at that time relating to such taking and use of gas.

II.

A. Subject to the other provisions herein contained, this lease shall remain in force for a term of four (4) years, (herein called "primary term"), and as long thereafter as oil and gas, or either of them, are produced in paying quantities from the above described land or drilling operations are continuously prosecuted as hereinafter provided. "Drilling operations" includes operations for the drilling of a new well, the reworking deepening or plugging back of a well or hole, or other operations conducted in an effort to obtain or re-establish production of oi or gas; and drilling operations shall be considered to be "continuously prosecuted" if not more than sixty (60) days shall elapse between the completion or abandonment of one well or hole and the commencement of drilling operations on another well or hole. If, at the expiration of the primary term of this lease,



DEPT. OF MINES

oil or gas is not being produced from the above described land but Lessee is then engaged in drilling operations, this lease shall continue in force so long as drilling operations are continuously prosecuted with diligence and dispatch; and if production of oil or gas results from any such drilling operations, this lease shall continue in force so long as oil or gas shall be produced in paying quantities as herein defined. If, after the expiration of the primary term of this lease, production from the above described land should cease, this lease shall not terminate if Lessee is then prosecuting drilling operations; or within sixty (60) days after each such cessation of production commences drilling operations, then this lease shall remain in force so long as such operations are continuously prosecuted with diligence and dispatch and delay rentals are paid; and if production results therefrom, then as long thereafter as oil or gas is produced in paying quantities from the above described land.

- B. The term oil or gas produced in paying quantities is determined to mean a royalty or rental to Lessors of at least Four Dollars (\$4.00) per acre per year, computed quarterly. However, in no event shall the rental paid to supplement the royalty exceed Two Dollars (\$2.00) per acre per year, computed quarterly; and if such event occurs for any two (2) successive calendar quarters, then this lease shall be deemed to have terminated and be of no further force or effect.
- C. After June 1, 1991, this agreement shall constitute a valid and subsisting lease only to the depth of the deepest sand or horizon from which oil or gas is then being produced and shall be of no further force or effect as to any deeper sands or horizon:

III.

Lessee shall have during the term of this lease the exclusive right to drill, operate for and produce oil and gas, to conduct geological and geophysical surveys and explorations at it



sees fit; together also with rights of way and servitudes on, over and through said leased premises for pipelines, structures, plants, drips, tanks, stations, houses for gates, meters and regulators, except employee housing, and all other rights and privileges necessary, incident to and convenient for the economical operation of these leased premises or with other lands with which the same has been unitized or pooled for the production of oil and gas; together also with the right to use oil, gas and water free of cost to Lessee for all such purposes; and with the right of removing either during or within six (6) months after the term hereof, all and any property and improvements placed or located on the premises by Lessee; together also with the right of ingress and egress over said leased premises for any of the aforesaid purposes. The above rights are limited to only those rights possessed by Lessors as described in the various deeds through which Lessors gained title to the leased premises.

IV.

Lessors agree that Lessee shall have the exclusive, full, free and quiet possession of the said leased premises for the purposes and during the term herein set forth. Lessors further agree that Lessee at its option may pay and discharge any mortgages or other liens existing on or against the above described leased premises; and, in the event it exercises such option, it shall be subrogated to the rights of any holder or holders thereof and may reimburse itself by applying to the discharge of any such mortgage or any other lien any royalty or rentals accruing hereunder.

v.

A. In consideration of the premises, Lessee covenants and agrees to deliver to the credit of Lessors, free of cost, in the pipelines or tanks to which it may connect any wells drilled hereunder, the equal one-eighth (1/8) part of all oil produced and saved from said land.



- B. Lessee shall pay Lessors one-eighth (1/8) of the gross field market price for all gas produced and sold from the premises. Such gross field market price shall be at least that price paid in the field area by Consolidated Gas Supply Corporation for gas of similar quality, quantity and vintage.
- C. Royalty payments are payable quarterly, exclusive of all transportation, compressor or other charges, until Lessee shall give written notice to Lessors of its intention to abandon any well or wells, and shall in fact plug and abandon the same.

VI.

- A. Lessee covenants and agrees to pay and Lessors covenant and agree to accept a rental at the rate of Four Dollars (\$4.00) an acre each year, payable annually in advance, beginning on June 1, 1981, until a well is completed and producing oil or gas in paying quantities, or this lease surrendered; any rental paid for the time beyond the date of sale of gas and/or oil from any such well shall be credited upon the first royalty due upon the same; upon the drilling of a well deemed by Lessee unprofitable to operate or in the event after a profitable well has been drilled by Lessee and it does not desire to market the gas and/or oil from said well or wells, Lessee may continue to hold the leased premises for such further term as Lessee may desire but not exceeding the primary term hereof upon the payment of said rental. It is agreed that Lessee may drill or not drill on said leased premises, as it may elect, and that the consideration and rentals paid and to be paid constitute adequate compensation for such privilege.
- B. It is understood by and between the parties hereto that Lessee shall be relieved of the duty to pay delay rentals based on the acreage included in any parcel on which it drills and completes a well, provided any such well yields a royalty to Lessors of at least the amount of delay rental previously paid by Lessee; and if not, Lessee will continue to pay delay442542024 ased upon the acreage of any parcel not protected by a completed well.



In the event of a conveyance of all or any part of the leased premises, Lessee may continue to make all payments to Lessors until furnished with a certified copy of any such deed or conveyance or other documents or proof to enable Lessee to identify the land conveyed as being all or part of the leased premises; or on written notice of any such conveyance, may hold all payments until furnished with such copy or other documents and proof, and shall apportion the delay rental, in the event of any division, according to acreage.

### VIII.

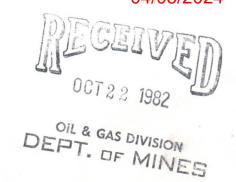
All payments hereunder may be made direct to Lessors or by check made payable and mailed to Lessors at: Route #2, Box 116, Pennsboro, West Virginia, in care of Harvey K. Haymond, who is hereby appointed agent to receive and receipt for same.

IX.

It is agreed that Lessee, upon the payment of One Dollar (\$1.00) and all amounts due hereunder, shall have the right to surrender this lease as to any tract of land herein leased at any time. Lessee agrees that the recordation of a deed of surrender in the proper county and payment to Lessors of all amounts then due hereunder, shall be and be accepted as full and legal surrender of Lessee's rights under this lease or under the portion surrendered

х.

A. Lessee is granted the right, except for those zones, formations or horizons underlying the leased premises above the depth of 6,000 feet or the top of the Onondaga Horizon, whichever is shallower, from time to time while this lease is in force, to pool into a separate drilling or production unit or units all or any part of the leased premises with other land, lease or leases, or interests therein (whether such other interests are pooled by a voluntary agreement on the part of the owners thereof the lease of the lease



exercise of a right to pool by the leases thereof), when in Lessee's sound and reasonable judgment it is necessary or advisable in order to promote conservation, to properly develop or operate the land and interests to be pooled, or to obtain a multiple production allowable from any governmental agency having control over such matters. Any pooling hereunder may cover all oil and gas, or any one or more of the substances covered by this lease, and may cover one or more of all leased zones, formations or horizons, except as provided above, underlying all or any portion or portions of the leased premises.

- B. None of the seven (7) tracts which comprise the 606 acres herein leased shall be unitized with any other tract unless Lessors own all or part of the oil, gas and minerals in and under such other tract.
- C. Any such unit shall not exceed such acreage as may be allowed by law or governmental regulation or order if comprised of one or more zones, formations or horizons lying below the top of the uppermost member of the Onondaga Group, or 6,000 feet, whichever is shallower.
- D. The area pooled and the zones or formations and substances pooled shall be set forth by Lessee in a "declaration of pooling" filed for record in the county or counties in which the pooled area is located before the commencement of any well, which declaration of pooling shall constitute a supplement to this lease. Such pooling shall be effective on the date such declaration is filed unless a later effective date is specified in such declaration. In lieu of the royalties elsewhere herein specified, except shut-in gas well royalties, Lessors shall receive on production from an area so pooled, only such portion of the royalties which, in the absence of such pooling, would be payable hereunder to Lessors on production from the land covered by this lease which is placed in the pooled area as the amount of the surface acreage 04/05/2024



in the land covered by this lease which is placed in the pooled area bears to the amount of the surface acreage of the entire pooled area taking into account paragraph X.(C.) hereof. Nothing herein contained shall authorize or effect any transfer of any title to any leasehold, royalty or other interest pooled pursuant hereto. The commencement of a well, the conduct of other drilling operations, the completion of a well or of a dry hole, or the operations of a producing well in the pooled area, shall be considered for all purposes (except for royalty purposes) the same as if said well were located on, or such drilling operations were conducted upon, the lands covered by this lease whether or not such well is located upon, or such drilling operations are conducted upon, said lands. Lessee may terminate any pooling effected pursuant hereto at any time the pooled unit is not producing and no drilling operations are being conducted thereon by executing and filing of record in the county or counties in which the pooled area is located a written declaration of the termination of such pooling, provided that the pooling of all interests not covered by this lease which comprises a part of such pooled unit be also terminated in some effective manner.

XI.

In the event that Lessee shall assign any of its right, title and interest in the leasehold estate hereby created to any person, firm or corporation, and reserve unto itself an overriding royalty, then, Lessee shall pay over and deliver unto Lessors twenty-five percent (25%) of any such overriding royalty.

XII.

In the event a well is drilled and completed for production, by whomsoever, within 500 feet of leased premises,
Lessee shall, after notified by Lessors in writing, within twelve

(12) months after the fracture or other treatment of any such well,

OCT 2 2 1982

DEPT. OF MINES

commence on leased premises an offset to such well if no such offset currently exists. In the event Lessee does not so commence such offset well, this agreement shall terminate and be of no further force or legal effect unless Lessee has a producing well thereon; and in such event, said producing well shall hold a 500 foot radius around the same and this lease shall be void as to the balance of the acreage in said tract.

### XIII.

Lessors shall have the right to approve the location of all roadways constructed on the leased premises, which approval shall not be unreasonably withheld and shall not tend to eliminat any well location.

### XIV.

Lessors agree to execute and deliver to Lessee a memorandum of this lease suitable for recording in the Office of the Clerk of the County Commission of Ritchie County, West Virgi

### XV.

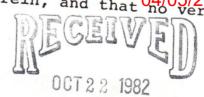
In the event of notice of any adverse claim to the leased premises, or to any part of the rentals or royalties, Lessee may withhold payment of the same until the ownership is determined by compromise or by final decree by a court of compet jurisdiction. In the event such funds are withheld by Lessee, the same shall bear interest at Mellon Bank's prime interest rat

### XVI.

Lessee shall pay Lessors for all damages to crops and timber and shall keep and maintain all roads on leased premises used by it concurrently with Lessors in good and usable condition

### XVII.

It is agreed that the entire contract and agreement between Lessors and Lessee is embodied herein, and that 04/05/2024 no verba



OIL & GAS DIVISION DEPT. OF MINES warranties, representations or promises have been made or relied upon by Lessee or Lessors, or their agents, supplementing, modifying or as inducement to this agreement.

### XVIII.

In the event Lessors do not own all of the oil and gas,
Lessee shall pay Lessors its proportionate share of the rents and
royalties as stipulated in the preceding paragraphs.

XIX.

All the rights, privileges, covenants and obligations of the parties hereunder shall extend to and be binding upon their respective heirs, executors, administrators, successors and assigns; provided, however, that Lessee shall not by reason of any partial assignments, divisions or distributions of Lessors' interest hereunder, whether made intentionally or by operation of law, be obligated against its will to make payments or to give notices or releases to more than the number of payees hereinabove designated to receive payments that may become due under and by virtue of the terms of this lease; it being agreed by Lessors that all persons from time to time interested in this lease through or under Lessors may appoint suitable agents, not more in number than the payees already designated above, who shall be empowered to receive notices or releases and to receive representatives or assigns hereunder, without liability to Lessee to see to the application of any such moneys by such designated agents or payees.

IN WITNESS WHEREOF, the parties to this agreement have hereunto set their hands the day and year first above written.
WITNESS:

HARVEY K. HAYMOND (SEAL

ANNIE B. HAYMOND 04/05/2024 SEAL

is instrument was prepared by Francis L. Warder, Jr.



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R. R. Martin

KEPCO, INC.

y TOHN G C

Executive Vice President

COUNTY OF CHARLES

of Ather do certify that HARVEY K. HAYMOND and ANNIE B. HAYMOND, his wife, whose names are signed to the writing heret annexed, bearing date the 1st day of June, 1981, have each this day acknowledged the same before me in my said County.

TO-WIT:

Given under my hand and Official Seal this 12 day

banuary , 1982.

My Commission Expires:

(SEAL)

Shirley & Durlancy Notary Public

STATE OF PENNSYLVANIA, COUNTY OF ALLEGHENY, TO-WIT:

of Allegheny, do certify that JOHN G. CALDWELL, Executive Vice President of KEPCO, INC., who signed the writing hereto annexed, bearing date the 1st day of June, 1981, for KEPCO, INC., has thi day in my said County, before me, acknowledged the said writing to be the act and deed of said Corporation.

Given under my hand and Official Seal this 2/ day

My Commission Expires:

: 2

20,1982

radd Tim

(SEAL)

04/05/2022

OCT 2 2 1982

OIL & GAS DIVISION DEPT. OF MINES

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