



1) Date: July 2, 19 84
 2) Operator's Well No. WK-321
 3) API Well No. 47 - 085 - 7096
 State County Permit

STATE OF WEST VIRGINIA
 DEPARTMENT OF MINES, OIL AND GAS DIVISION
 APPLICATION FOR A WELL WORK PERMIT

- 4) WELL TYPE: A Oil / Gas /
 B (If "Gas", Production / Underground storage / Deep / Shallow /)
- 5) LOCATION: Elevation: 1147.20 Watershed: Poplar Lick Run (LKH 1011)
 District: Clay County: Ritchie Quadrangle: Pennsboro 7.5' (1976)
- 6) WELL OPERATOR Kepeco, Inc. 25900 7) DESIGNATED AGENT E. L. Stuart
 Address 436 Blvd. of the Allies Address P. O. Box 1550
Pittsburgh, PA 15219 Clarksburg, WV 26301
- 8) OIL & GAS INSPECTOR TO BE NOTIFIED 9) DRILLING CONTRACTOR:
 Name Samuel Hersman Name Unknown
 Address P. O. Box 66 Address _____
Smithville, WV 26178
- 10) PROPOSED WELL WORK: Drill / Drill deeper / Redrill / Stimulate
 Plug off old formation / Perforate new formation JUL 16 1984
 Other physical change in well (specify) _____
- 11) GEOLOGICAL TARGET FORMATION, Devonian Shale OIL & GAS DIVISION
 12) Estimated depth of completed well, 5995 feet DEPT. OF MINES
 13) Approximate trata depths: Fresh, 337 feet; salt, -- feet.
 14) Approximate coal seam depths: No Coal Is coal being mined in the area? Yes / No

15) CASING AND TUBING PROGRAM

CASING OR TUBING TYPE	SPECIFICATIONS					FOOTAGE INTERVALS		CEMENT FILL-UP OR SACKS (Cubic feet)	PACKERS
	Size	Grade	Weight per ft.	New	Used	For drilling	Left in well		
Conductor	11 3/4	H-40	42		x	20	20		Kinds
Fresh water						367'	367'	C75	
Coal									Sizes
Intermediate	8 5/8	J-55	23	x		1772	1772	Circulate	
Production	4 1/2	J-55	10.5	x			5900	as req by rule 15.81	Depths set
Tubing									
Liners									Perforations:
									Top Bottom

OFFICE USE ONLY
 DRILLING PERMIT

Permit number 47-085-7096 Date August 2, 19 84

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. 8) 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 and gas inspector 24 hours before actual permitted work has commenced.)

The permitted work is as described in the Notice and Application, plat, and reclamation plan, subject to any modifications and conditions specified on the reverse hereof.
 Permit expires August 2, 1986 unless well work is commenced prior to that date and prosecuted with due diligence.

Bond: <u>LANKEE 87</u>	Agent: <u>LS</u>	Plat: <u>MW</u>	Casing: <u>MW</u>	Fee: <u>3562</u>
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[Signature]
 Administrator, Office of Oil and Gas

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



OFFICE USE ONLY

PERMIT MODIFICATIONS AND CONDITIONS (IF ANY) TO THE PROPOSED WELL WORK

1) Well Location: (AKH 101) Shallow

2) Well Operator: KECO, Inc.

3) Designated Agent: E. O. ...

4) Drilling Contractor: ...

5) Proposed Well Work: Plug off old formation

6) Geological Target Formation: Devonian shale

7) Estimated depth of completed well: 387 feet

8) Approximate true depth: 387 feet

9) Approximate coal seam depth: No Coal

Casing or Tubing Type	Size	Grade	Specifications		Foot	New	Old	Foot in well	Foot Adj. Interval	Cement Fill-Up or Sacks (Cask full)	Packers
			Weight	Per ft.							
Conductor	11 3/8	D-10	42	29	387			20%	387	2+2	Kind
Intermediate	8 1/2	D-22	23	17.5							
Production	4 1/2	D-22	10.5	500							

OFFICE USE ONLY

This part of Form IV-2(b) is to record the dates of certain occurrences and any follow-up inspections.

Date	Date(s)
------	---------

Application received

Follow-up inspection(s)

Well work started

Completion of the drilling process

Well Record received

Reclamation completed

OTHER INSPECTIONS

Reason:

Reason:

Agent	Plan	Casing	Per
NA	NA	NA	NA

12/29/2023



IV-9
(Rev 8-81)

DATE June 11, 1984

WELL NO. WK-321

State of West Virginia
Department of Mines
Oil and Gas Division

API NO. 47 - 085 - 7096

CONSTRUCTION AND RECLAMATION PLAN

COMPANY NAME <u>Kepeco, Inc.</u>	DESIGNATED AGENT <u>E. L. Stuart</u>
<u>436 Blvd. of the Allies</u>	<u>P. O. Box 1550</u>
Address <u>Pittsburgh, PA 15219</u>	Address <u>Clarksburg, WV 26301</u>
Telephone <u>412-391-7760</u>	Telephone <u>304-624-6576</u>
LANDOWNER <u>Richard Tex & Shirley Robertson</u>	SOIL CONS. DISTRICT <u>Little Kanawha</u>
Revegetation to be carried out by <u>E. L. Stuart</u>	(Agent)

This plan has been reviewed by Little Kanawha SCD. All corrections
and additions become a part of this plan: 6-13-84 (Date)

Garrett Newton
(SCD Agent)

RECEIVED
JUL 16 1984

ACCESS ROAD

LOCATION

OIL & GAS DIVISION

Structure Road Culverts (A)
Spacing As shown on sketch
Page Ref. Manual 2-7 to 2-11

Structure Drainage Ditch (B)
Inside road cuts
Spacing Along access road
Page Ref. Manual 2-12 to 2-15

Structure Cross Drains (C)
Spacing As shown on sketch
Page Ref. Manual 2-1 to 2-4

Structure Sediment Barrier (1)
Material Straw or hay bales
Page Ref. Manual 2-16 to 2-20

Structure Filter Strip (2)
Material Natural Vegetation Strip
Page Ref. Manual 2-16 to 2-17

Structure _____ (3)
Material _____
Page Ref. Manual _____

DEPT. 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

Treatment Area II

Lime according to soil test to
correct to pH 6.5

Fertilizer 600 lbs/acre
(10-20-20 or equivalent)

Mulch Hay or Straw 2.0 Tons/acre

Seed* Ky 31 Tall Fescue 40 lbs/acre
Birdsfoot Trefoil 10 lbs/acre
Dom Rye Grass 10 lbs/acre

Lime according to soil test to
correct to pH 6.5

Fertilizer 600 lbs/acre
(10-20-20 or equivalent)

Mulch Hay or Straw 2.0 Tons/acre

Seed* Ky 31 Tall Fescue 40 lbs/acre
Birdsfoot Trefoil 10 lbs/acre
Dom Rye Grass 10 lbs/acre

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

SARC JSB

PLAN PREPARED BY MSES Consultants, Inc.

12/29/2023

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

ADDRESS 609 West Main Street
Clarksburg, WV 26301

PHONE NO. 304-624-9700 or
304-842-3325 (24-hour)

FARM Eugene R. Hill DISTRICT Clay

COUNTY Ritchie

ATTACH OR PHOTOCOPY SECTION OF INVOLVED TOPOGRAPHIC MAP.

QUADRANGLE Pennsboro, WV 7.5' (1975)

LEGEND

Well Site ⊕

Access Road ===



158-4W



12/29/2023

1) Date: July 2, 1984
2) Operator's Well No. WK-321
3) API Well No. 47 - 085 - 7096
State County Permit

STATE OF WEST VIRGINIA
DEPARTMENT OF MINES, OFFICE OF OIL & GAS
NOTICE OF APPLICATION FOR A WELL WORK PERMIT

4) SURFACE OWNER(S) OF RECORD TO BE SERVED
(i) Name Richard Tex & Shirley Robertson
Address Rt. 2, Box 115
Pennsboro, WV 26415
(ii) Name _____
Address _____
(iii) Name _____
Address _____

5(i) COAL OPERATOR NO COAL
Address _____
5(ii) COAL OWNER(S) WITH DECLARATION ON RECORD:
Name _____
Address _____
Name _____
Address _____
5(iii) COAL LESSEE WITH DECLARATION ON RECORD:
Name _____
Address _____

TO THE PERSON(S) NAMED ABOVE: You should have received this Form and the following documents:

- (1) The Application for a Well Work Permit on Form IV-2(B) (or Form IV-4 if the well is to be plugged, which sets out the parties involved in the drilling or other work, and describes the well and its location and, if applicable, the proposed casing and cementing program;
- (2) The plat (surveyor's map) showing the well location on Form IV-6; and
- (3) The Construction and Reclamation Plan on Form IV-9 (unless the well work is only to plug a well), which sets out the plan for erosion and sediment control and for reclamation for the site and access road.

THE REASON YOU RECEIVED THESE DOCUMENTS IS THAT YOU HAVE RIGHTS REGARDING THE APPLICATION WHICH ARE SUMMARIZED IN THE "INSTRUCTIONS" ON THE REVERSE SIDE OF THE COPY OF THE APPLICATION (FORM IV-2(B) OR FORM 4, DESIGNATED FOR YOU. HOWEVER, YOU ARE NOT REQUIRED TO TAKE ANY ACTION AT ALL.

RECEIVED
JUL 16 1984

Take notice that under Chapter 22 of the West Virginia Code, the undersigned well operator proposes to file or has filed this Notice and Application and accompanying documents for a Well Work Permit with the Administrator of the Office of Oil and Gas, West Virginia Department of Mines, with respect to a well at the location described on attached Application and depicted on attached Form IV-6. Copies of this Notice, the Application, the plat, and the Construction and Reclamation Plan have been mailed by registered or certified mail or delivered by hand to the person(s) named above (or by publication in certain circumstances) on or before the day of mailing or delivery to the Administrator.

OIL & GAS DIVISION
DEPT. OF MINES

6) EXTRACTION RIGHTS

Check and provide one of the following:
 Included is the lease or leases or other continuing contract or contracts by which I hold the right to extract oil or gas.
 The requirement of Code 22-4-1-(c) (1) through (4). (See reverse side for specifics.)

7) ROYALTY PROVISIONS

Is the right to extract, produce or market the oil or gas based upon a lease or leases or other contract or contracts providing for flat well royalty or any similar provision for compensation to the owner of the oil or gas in place which is not inherently related to the volume of oil or gas so extracted, produced or marketed? Yes No

If the answer above is No, nothing additional is needed. If the answer is Yes, you may use Affidavit Form IV-60.

See the reverse side for line item instructions, and for instructions concerning the required copies of the Notice and Application, plat, and Construction and Reclamation Plan.

The truth of the information on the Notice and Application is verified and sworn to and the Notice is signed on behalf of the Well Operator in my County and State by
Mr. H. E. Gardner

WELL OPERATOR Kepeco, Inc.
By [Signature]
Its Operations Manager
Address 436 Blvd. of the Allies
Pittsburgh, PA 15216
Telephone 412-391-7760

this 2 day of July, 1984.
My commission expires Oct. 14, 1992.

Donna L. Baines
Notary Public, Harrison County,
State of West Virginia

12/29/2023

I N S T R U C T I O N S T O A P P L I C A N T

CONCERNING THE LINE ITEMS:

- 1) Date of Notice.
- 2) Your well name and number.
- 3) To be filled out by the Office of Oil & Gas.
- 4) & 5) Use separate sheet if necessary.
- 4) Surface owner(s) of record to be served with Notice and Application. However, see also Code § 22-4-1b(b) if "more than three tenants in common or other co-owners of interest described in subsection (a) of this section hold interests in such lands".
- 5(i) "Coal Operator" means any person, firm, partnership, partnership association or corporation that proposes to or does operate a coal mine.
- 5(ii, iii) See Code § 22-4-20.
- 6) See Code § 22-4-11(c). However, in lieu of filing the lease(s) or other continuing contract(s), the Applicant may fill out the information in the space provided below.
- 7) See Code § § 22-4-11(d, e).

CONCERNING THE REQUIRED COPIES FOR FILING AND SERVICE:

Filing. Code § 22-4-1k and Regulation 7.02 provide that the original and required copies of the Notice and Application must be filed with the Administrator, 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 § 22-4-1k(d) and the reclamation required by Code § 22-4-12b and Regulation 23, (iv) unless previously paid on the same well, the fees required by Code § 22-4-1a(c) and 22-3-12a, and (v) if applicable, the consent required by Code § 22-4-8a from the owner of any water well on dwelling within 200 feet of the proposed well.

Service. In addition, service must be made on the surface owner(s) and the person(s) with an interest in the coal. See Code § § 22-4-1m, 22-4-2, 22-4-2a, and 22-4-2b.

INFORMATION SUPPLIED UNDER CODE § 22-4-11(d)

IN LIEU OF FILING LEASE(S) AND OTHER CONTINUING CONTRACT(S)

Under the oath required to make the verification on the obverse side of this Notice, I depose and say that I am the person who signed the Notice for the Applicant, and that--

- (1) the tract of land is the same tract described in the Application to which this Notice applies, partly or wholly depicted in the accompanying plat, and described in the Construction and Reclamation Plan;
- (2) the parties and recordation data (if recorded) for lease(s) or other continuing contract(s) by which the Applicant claims the right to extract, produce or market the oil or gas are as follows:

<u>Grantor, lessor, etc.</u>	<u>Grantee, lessee, etc.</u>	<u>Royalty</u>	<u>Book Page</u>
Eugene R. Hill	Harvey K. Haymond	50%	172/562
Jack E. & Juanita Hill	Harvey K. Haymond	50%	172/562
Harvey K. Haymond	Kepeco Inc.	Assignment	165/116

MSES consultants, inc.

609 West Main Street • P.O. Drawer 190
Clarksburg, West Virginia 26301
304-624-9700 • 304-842-3325 (24-hour)

July 6, 1984

RECEIVED
JUL 16 1984

Richard Tex and Shirley Robertson
Route 3, Box 115
Pennsboro, West Virginia 26415

OIL & GAS DIVISION
DEPT. OF MINES
Certified No. P 528 448 369

Re: Notice To Surface Owner For
Intent To Drill A Gas Well

Dear Richard and Shirley:

Please be advised that Kepco, Inc. is submitting an application to the West Virginia Department of Mines, Oil and Gas Division, to drill a new gas well (Operator's Well No. WK-321) on the following:

Lease Name: Eugene R. Hill

Acres: 102

District: Clay

County: Ritchie

State: WV

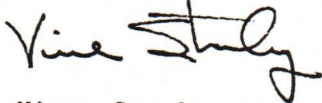
The title opinion has indicated that you are the present surface owner over said lease.

In compliance with the rules and regulations of the State of West Virginia, I have enclosed, for your information and records, one copy each of the well permit application data as follows:

- Form IV-2(A) - Notice of Application
- Form IV-2(B) - Application For A Well Work Permit
- Form IV-6 - Well Plat
- Form IV-9 - Construction and Reclamation Plan

Should you have any questions concerning this notice, you are requested to contact the office of Kepco, Inc., 436 Blvd. of the Allies, Pittsburgh, Pennsylvania, 15219, Telephone Number (412) 391-7760 or the offices of the West Virginia Department of Mines, Oil and Gas Division, 1613 Washington Street East, Charleston, West Virginia, 25311, Telephone Number (304) 348-2055.

Sincerely,



Vince Straley
Field Coordinator

Enclosures

cc: W. Va. Department of Mines
Oil and Gas Division

Kepco, Inc.

12/29/2023

P 528 448 369

RECEIPT FOR CERTIFIED MAIL

NO INSURANCE COVERAGE PROVIDED
NOT FOR INTERNATIONAL MAIL

(See Reverse)

PS Form 3800, Feb. 1982 * U.S.G.P.O. 1983-403-517

Sent to	Richard Tex and Shirley Robertson
Street and No.	Rt. 3, Box 115
P.O., State and ZIP Code	Pennsboro, WV, 26415
Postage	\$
Certified Fee	
Special Delivery Fee	
Restricted Delivery Fee	
Return Receipt Showing to whom and Date Delivered	
Return receipt showing to whom, Date, and Address of Delivery	
TOTAL Postage and Fees	\$
Postmark or Date	7/6/84

CERTIFIED

P 528 448 369

MAIL

PS Form 3811, July 1983

SENDER: Complete items 1, 2, 3 and 4.
Put your address in the "RETURN TO" space on the reverse side. Failure to do this will prevent this card from being returned to you. The return receipt fee will provide you the name of the person delivered to and the date of delivery. For additional fees the following services are available. Consult postmaster for fees and check box(es) for service(s) requested.

- Show to whom, date and address of delivery.
- Restricted Delivery.

3. Article Addressed to:
Richard Tex and Shirley Robertson

4. Type of Service:
 Registered Insured
 Certified COD
 Express Mail **P 528 448 369**

Always obtain signature of addressee or agent and DATE DELIVERED.

5. Signature - Addressee
X

6. Signature - Agent
X

7. Date of Delivery

8. Addressee's Address (ONLY if requested and fee paid)

PS Form 3811, July 1983

SENDER: Complete items 1, 2, 3 and 4.
Put your address in the "RETURN TO" space on the reverse side. Failure to do this will prevent this card from being returned to you. The return receipt fee will provide you the name of the person delivered to and the date of delivery. For additional fees the following services are available. Consult postmaster for fees and check box(es) for service(s) requested.

- Show to whom, date and address of delivery.
- Restricted Delivery.

3. Article Addressed to:
Richard Tex and Shirley Robertson

4. Type of Service:
 Registered Insured
 Certified COD
 Express Mail **P 528 448 369**

Always obtain signature of addressee or agent and DATE DELIVERED.

5. Signature - Addressee
X

6. Signature - Agent
X

7. Date of Delivery
Shirley Robertson
7-11-84

8. Addressee's Address (ONLY if requested and fee paid)

Richard Tex and Shirley Robertson

PENNSBORO, WV

Ritchie
7096

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

Perforated 8-30-84 Perfco Wireline Co.

4634'-4646'	Avg. press 2100 psi	Avg. rate 20 BPM
4998'-5005'	Avg. press 2000 psi	Avg. rate 20 BPM
5279'-5288'	Avg. press 2450 psi	Avg. rate 20 BPM
5873'-5977'	Avg. press 3000 psi	Avg. rate 27 BPM

Fractured 8-30-84 Halliburton Services - Water frac with Nitrogen assist

1st stage	17,500 lbs. 20/40 sand
2nd stage	27,500 lbs. 20/40 sand
3rd stage	30,000 lbs. 20/40 sand
4th stage	22,500 lbs. 20/40 sand

WELL LOG

FORMATION	COLOR	HARD OR SOFT	TOP FEET	BOTTOM FEET	REMARKS
					Including indication of all fresh and salt water, coal, oil and gas
Fill and Shale			0	15	FROM DRILLERS LOG
Red Rock and Shale			15	40	
Sand and Shale			40	65	Fresh water @ 55'
Red Rock and Shale			65	75	
Sand and Shale			75	115	
Red Rock and Shale			115	170	
Sand			170	200	
Red Rock and Shale			200	230	
Sand and Shale			230	290	
Red Rock and Shale			290	460	
Sand			460	565	
Red Rock and Shale			565	725	
Sand			725	780	
Shale			780	795	
Sand			795	805	
Shale			805	1025	
Sand			1025	1055	
Shale			1055	1125	
Sand			1125	1170	
Red Rock and Shale			1170	1215	
Sand			1215	1240	
Red Rock and Shale			1240	1515	
Sand			1515	1645	
Shale			1645	1834	FROM ELECTRIC LOG
Maxton			1834	1887	
Shale			1887	1930	
Big Lime			1930	2080	
Big Injun			2080	2178	
Shale			2178	2422	
Weir			2422	2471	
Shale			2471	2598	
Berea			2598	2602	
Shale			2602	2978	
5th Sand			2978	2988	
Shale			2988	4634	
Riley			4634	4670	
Shale			4670	4998	

CONTINUED ON PAGE TWO

(Attach separate sheets as necessary)

Well Operator _____
 By: _____ 12/29/2023
 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 coal, encountered in the drilling of a well."

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

WELL LOG

FORMATION	COLOR	HARD OR SOFT	TOP FEET	BOTTOM FEET	REMARKS
					Including indication of all fres and salt water, coal, oil and ga
PAGE TWO					
Benson			4998	5007	Show gas @ 5003'
Shale			5007	5280	
Alexander			5280	5288	Show gas @ 5285'
Shale			5288	5870	
Rhinestreet shale			5870	5999	
TD				5999	

(Attach separate sheets as necessary)

KEPCO, INC.

Well Operator

By: Daniel B. Cannon Chief Geologist 12/29/2023

Date: September 25, 1984

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
 ... encountered in the drilling of a well."

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

RECEIVED
AUG 21 1984

INSPECTOR'S WELL REPORT

OIL & GAS DIVISION
DEPT. OF MINES
Oil or Gas Well _____
(KIND)

Permit No. 085-7096

Company <u>Kepeco INC -</u>	CASING AND TUBING	USED IN DRILLING	LEFT IN WELL	PACKERS
Address _____	Size			
Farm _____	16			Kind of Packer _____
Well No. <u>W.K. 321</u>	13			Size of _____
District <u>Clay</u> County <u>Ritchie</u>	10			
Drilling commenced <u>8-15-84</u>	8 1/4			Depth set _____
Drilling completed _____ Total depth _____	6 5/8			
Date shot _____ Depth of shot _____	5 3/16			Perf. top _____
Initial open flow _____ /10ths Water in _____ Inch	3			Perf. bottom _____
Open flow after tubing _____ /10ths Merc. in _____ Inch	2			Perf. top _____
Volume _____ Cu. Ft.	Liners Used			Perf. bottom _____
Rock pressure _____ lbs. _____ hrs.	CASING CEMENTED _____ SIZE _____ No. FT. _____ Date _____			
Oil _____ bbls., 1st 24 hrs.	NAME OF SERVICE COMPANY _____			
<u>Light mest - at 1550'</u>	COAL WAS ENCOUNTERED AT <u>NO</u> FEET _____ INCHES			
Fresh water _____ feet _____ feet	_____ FEET _____ INCHES FEET _____ INCHES			
Salt water _____ feet _____ feet	_____ FEET _____ INCHES FEET _____ INCHES			

Drillers' Names S.W. JACK — Rig 22nd — HEAGY

Remarks: Rig Report -

visit site 9 for surface SOB 9" O.D. Hole at 1828'
RAN 1760' of 8 5/8" cement with 375 sks
WESTERN SOB - (PITS OK)

8-17-84
DATE

[Signature]
DISTRICT WELL INSPECTOR
12/29/2023

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

RECEIVED
AUG 28 1984

INSPECTOR'S WELL REPORT

OIL & GAS DIVISION

Permit No. 085-7096

DEPT. OF MINES
(KIND)

Company <u>Keeco INC</u>	CASING AND TUBING	USED IN DRILLING	LEFT IN WELL	PACKERS
Address _____	Size			
Farm _____	16			Kind of Packer _____
Well No. <u>WK 321</u>	13			Size of _____
District <u>Clay</u> County <u>Ritchie</u>	10			
Drilling commenced <u>8-15-84</u>	8 1/4			Depth set _____
Drilling completed _____ Total depth _____	6 5/8			
Date shot _____ Depth of shot _____	5 3/16			Perf. top _____
Initial open flow _____ /10ths Water in _____ Inch	3			Perf. bottom _____
Open flow after tubing _____ /10ths Merc. in _____ Inch	2			Perf. top _____
Volume _____ Cu. Ft.	Liners Used			Perf. bottom _____
Rock pressure _____ lbs. _____ hrs.	CASING CEMENTED _____ SIZE _____ No. FT. _____ Date _____			
Oil _____ bbls., 1st 24 hrs.	NAME OF SERVICE COMPANY _____			
Fresh water _____ feet _____ feet	COAL WAS ENCOUNTERED AT _____ FEET _____ INCHES			
Salt water _____ feet _____ feet	_____ FEET _____ INCHES _____ FEET _____ INCHES			
	_____ FEET _____ INCHES _____ FEET _____ INCHES			

Drillers' Names S.W. JACK — Rig 22# — Heavy

Remarks: Rig Report

visit site, 5000' AND dusting - pits (or k) location -
LOOKED GOOD

8-20-84
DATE

Mike Anderson
DISTRICT WELL INSPECTOR
12/29/2023

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

RECEIVED

AUG 28 1984

OIL & GAS DIVISION
DEPT. OF MINES

Oil or Gas Well _____
(KIND)

INSPECTOR'S WELL REPORT

Permit No. 085-7096

Company <u>Kepco Inc</u>	CASING AND TUBING	USED IN DRILLING	LEFT IN WELL	PACKERS
Address _____	Size			
Farm _____	16			Kind of Packer _____
Well No. <u>W.K. 321</u>	13			
District <u>Clay</u> County <u>Ritchie</u>	10			Size of _____
Drilling commenced <u>8-15-84</u>	8 1/4			
Drilling completed <u>8-21-84</u> Total depth <u>5999</u>	6 5/8			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 _____
Rock pressure _____ lbs. _____ hrs.				Perf. bottom _____
Oil _____ bbls., 1st 24 hrs.	CASING CEMENTED _____ SIZE _____ No. FT. _____ Date _____			
Fresh water <u>NO</u> _____ 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 S.W. Jack - Rig 22 - HEAVY

Remarks: T.D. Report
T.D. Hole at 5999' - RAW 5998 of 4 1/2"

8-21-84
DATE

Mike Anderson
DISTRICT WELL INSPECTOR

STATE OF WEST VIRGINIA
DEPARTMENT OF MINES
OFFICE OF OIL AND GAS
CHARLESTON 25305
FINAL INSPECTION REPORT
INSPECTORS COMPLIANCE REPORT

RECEIVED
JUN 19 1985

Company: KEPCO INC
Farm: RICHARD ROBERTSON

Well: WK-321

(8-02-84)
Permit No. 47- 20-7096
County: RITCHIE

OIL & GAS DIVISION
DEPT. OF MINES

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 Casings	✓	
15.02	Adequate Coal Casings	✓	
15.01	Adequate Production Casings		
15.04	Adequate Cement Strength		
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		
14.01	Well Records on Site	✓	
14.02	Well Records Filed	✓	
14.05	Identification Markings	✓	

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

SIGNED *Samuel N. Heroman*
DATE 6-11-85

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. H. ...

Administrator

June 25, 1985

Date

APPLICATION FOR DETERMINATION OF THE MAXIMUM LAWFUL
PRICE UNDER THE NATURAL GAS POLICY ACT (NGPA)

1.0 API well number: (If not assigned, leave blank. 14 digits.)	47 - 085 - 7096																		
2.0 Type of determination being sought: (Use the code found on the front of this form.)	103 Section of NGPA	Category	 OCT - 4 1984																
3.0 Depth of the deepest completion location: (Only needed if sections 103 or 107 in 2.0 above.)	5977 feet																		
4.0 Name, address and code number of applicant: (35 letters per line maximum. If code number not available, leave blank.)	Name: <u>Kepeco, Inc.</u> Street: <u>436 Boulevard of the Allies</u> City: <u>Pittsburgh</u> PA <u>15219</u> State: Zip Code		OIL & GAS DIV. 039431 DEPT. OF MINES Code																
5.0 Location of this well: [Complete (a) or (b).] (a) For onshore wells (35 letters maximum for field name.) (b) For OCS wells:	Field Name: <u>Clay District</u> County: <u>Ritchie</u> WV State: <u>WV</u> Area Name: _____ Block Number: _____ Date of Lease: _____ Mo. Day Yr. OCS Lease Number: _____																		
(c) Name and identification number of this well: (35 letters and digits maximum.)	<u>Robertson #1 WK-321</u>																		
(d) If code 4 or 5 in 2.0 above, name of the reservoir: (35 letters maximum.)	_____																		
6.0 (a) Name and code number of the purchaser: (35 letters and digits maximum. If code number not available, leave blank.) (b) Date of the contract:	Name: _____ Buyer Code: _____ Mo. Day Yr.																		
(c) Estimated total annual production from the well:	15 Million Cubic Feet																		
	(a) Base Price	(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.)	S/MMBTU <u>2.925</u>	_____	<u>0.220</u>	<u>3.145</u>															
8.0 Maximum lawful rate: (As of filing date. Complete to 3 decimal places.)	S/MMBTU <u>2.925</u>	_____	<u>0.220</u>	<u>3.145</u>															
9.0 Person responsible for this application:	Name: <u>R. E. Williams</u> Signature: <u>[Signature]</u> Date Application is Completed: <u>9/27/84</u>		Title: <u>Vice President</u> Phone Number: <u>(412) 391-7760</u>																
<table border="1" style="width:100%; border-collapse: collapse;"> <tr> <td style="width:30%; text-align:center;">Agency Use Only</td> <td colspan="4"></td> </tr> <tr> <td style="text-align:center;">Date Received by Juris. Agency</td> <td colspan="4" style="text-align:center;"><u>OCT - 4 1984</u></td> </tr> <tr> <td style="text-align:center;">Date Received by FERC</td> <td colspan="4"></td> </tr> </table>					Agency Use Only					Date Received by Juris. Agency	<u>OCT - 4 1984</u>				Date Received by FERC				
Agency Use Only																			
Date Received by Juris. Agency	<u>OCT - 4 1984</u>																		
Date Received by FERC																			

FERC-121 (8-82)

12/29/2023

**APPLICATION FOR DETERMINATION OF THE MAXIMUM LAWFUL
PRICE UNDER THE NATURAL GAS POLICY ACT (NGPA)**

1.0 API well number: (If not assigned, leave blank. 14 digits.)	47 - 085 - 7096 -			
2.0 Type of determination being sought: (Use the codes found on the front of this form.)	108	Section of NGPA	Category Code	
3.0 Depth of the deepest completion location: (Only needed if sections 103 or 107 in 2.0 above.)	_____ feet			
4.0 Name, address and code number of applicant: (35 letters per line maximum. If code number not available, leave blank.)	Kepeco, Inc.			039431
	Name			
	436 Boulevard of the Allies			Seller Code
	Street			
	Pittsburgh	PA	15219	
	City		State	Zip Code
5.0 Location of this well: (Complete (a) or (b).) (a) For onshore wells (35 letters maximum for field name.)	Clay District			
	Field Name		WV	
	Ritchie		State	
(b) For OCS wells:	Area Name		Block Number	
	Date of Lease:			
	Mo.	Day	Yr.	OCS Lease Number
(c) Name and identification number of this well: (35 letters and digits maximum.)	Robertson #1 (WK-321)			
(d) If code 4 or 5 in 2.0 above, name of the reservoir: (35 letters maximum.)				
6.0 (a) Name and code number of the purchaser: (35 letters and digits maximum. If code number not available, leave blank.)	Name			Buyer Code
(b) Date of the contract:	Mo.		Day	Yr.
(c) Estimated total annual production from the well:	15		Million Cubic Feet	
		(a) Base Price	(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.)	S/MMBTU	_____	_____	_____
8.0 Maximum lawful rate: (As of filing date. Complete to 3 decimal places.)	S/MMBTU	4.274	_____	4.274
9.0 Person responsible for this application:	B. L. Wolcott			Operations Manager
	Name			Title
	<i>B. L. Wolcott</i>			
	Signature			(412) 391-7760
6-21-85			Phone Number	
Date Application is Completed				

FERC-121 (8-82)

- 107 High Cost Natural Gas
- _____ 107-0 Deep (more than 15,000 feet)
 - _____ 107-1 Geopressured Brine
 - _____ 107-2 Coal Seams
 - _____ 107-3 Devonian Shale
 - _____ 107-5 Production enhancement
 - _____ 107-6 New Tight Formation
 - _____ 107-7 Recompletion Tight Formation

RECEIVED

JUL 3 1985
OIL & GAS DIV.
DEPT. OF MINES

Date Received

AGENCY USE ONLY

QUALIFIED

12/29/2023
1/85
10/85

f

Determination Date

12/29/2023

Miss 8/1/24

9200'

LATITUDE 39°22'30"

ELMER R. JEWELL
18.1 ac.

LEWIS HAMMOND
19.27 ac.

R. & S.
ROBERTSON
97 ac.

REFERENCE WELL TIES

WK-321 TO 24" W.O. N32°58'W 193.56'
WK-322 TO 12" BL. WAL.
S40°52'E 1514.28'

Eugene R. Hill
102 ac.

PROPOSED WELL
WK-321
EL. 1147.20'

92 ac.

NORTH

LONGITUDE 80°55'00"

14650'

N09°33'W 560.94'

10 ac.

STO. ON TOPRIDGE (FND.)

36" W.O.
IN FE. CORNER
(FND.)

L. & L. HAMMOND
2 ac.

1 1/2 ac.

S40°52'E 1514.28'

PROPOSED WELL
WK-322

R. & S. ROBERTSON
112 ac.

3/4" ROD SET IN OAK STP.

S24°30'E
2450'

3/4" ROD
SET IN STP.
HOLE WITH
2" SASS. PTRS.

S67°E 1056.6'



WK-69
5631 (25)

CLAYTON DAVIS
77.51 ac.

7.5'

857 (16)

CLAYTON DAVIS
73.27 ac.

FILE NO. MSES 84-430

DRAWING NO. _____

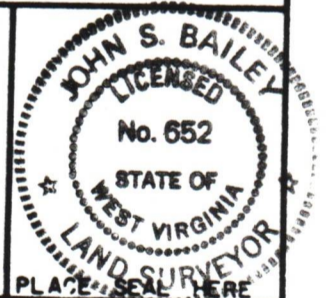
SCALE 1" = 500'

MINIMUM DEGREE OF
ACCURACY 1 PART IN 200

PROVEN SOURCE OF
ELEVATION INT. CO. RT. 4 & 74
ELEV. 825

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) John S. Bailey
R.P.E. _____ L.L.S. 652



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

FORM IV-6
(8-78)



DATE JUNE 26, 19 84
OPERATOR'S WELL NO. WK-321
API WELL NO. 47-085-7096
STATE COUNTY PERMIT

Department of Mines
Oil & Gas Division

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

LOCATION: ELEVATION 1147.20' WATER SHED POPLAR LICK RUN
DISTRICT CLAY COUNTY RITCHIE

QUADRANGLE PENNSBORO, W. VA. 7.5' 1961 (1976)

SURFACE OWNER RICHARD TEX & SHIRLEY ROBERTSON ACREAGE 10 AC.

OIL & GAS ROYALTY OWNER EUGENE R. HILL LEASE NO. KW-842 LEASE ACREAGE 102 AC.

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 ___

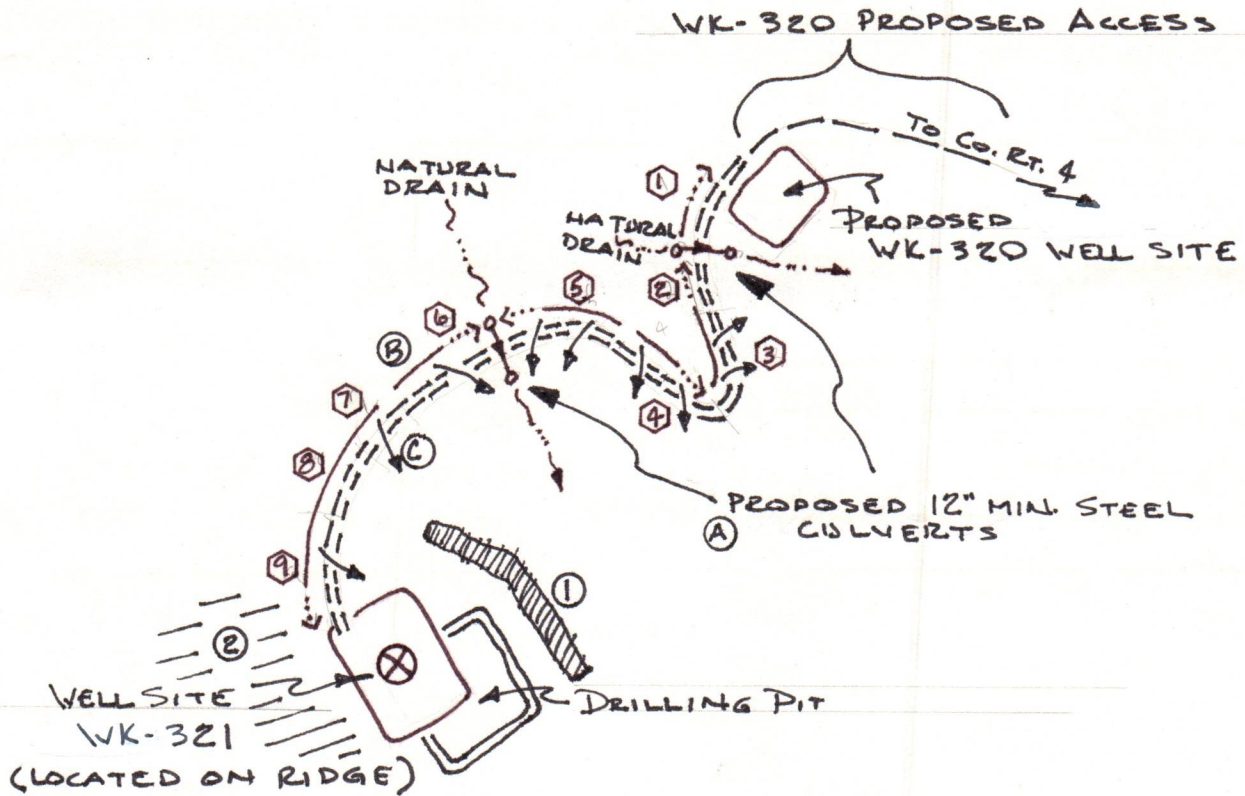
TARGET FORMATION DEVONIAN SHALE ESTIMATED DEPTH 5995'

WELL OPERATOR KEPCO, INC. DESIGNATED AGENT E. L. STUART

ADDRESS 436 BLVD. OF THE ALLIES ADDRESS P. O. BOX 1550
PITTSBURGH, PA 15219 CLARKSBURG, WV 26301

12/29/2023

WK-321



	LENGTH OF ROAD	GRADE	CROSS-DEAIN SPACING
①	150'	2%	AS NEEDED
②	100'	1%	AS NEEDED
③	150'	8%	80'
④	500'	4%	135'
⑤	500'	5%	135'
⑥	250'	3%	135'
⑦	100'	7%	80'
⑧	150'	1%	AS NEEDED
⑨	250'	5%	135'

2150' TOTAL ACCESS ROAD



IV-9
(Rev 8-81)

DATE June 11, 1984

WELL NO. WK-321

State of West Virginia

API NO. 47 - 085 - 7096

Department of Mines
Oil and Gas Division

CONSTRUCTION AND RECLAMATION PLAN

COMPANY NAME Kepeco, Inc.
436 Blvd. of the Allies
Address Pittsburgh, PA 15219
Telephone 412-391-7760

DESIGNATED AGENT E. L. Stuart
P. O. Box 1550
Address Clarksburg, WV 26301
Telephone 304-624-6576

LANDOWNER Richard Tex & Shirley Robertson

SOIL CONS. DISTRICT Little Kanawha

Revegetation to be carried out by E. L. Stuart (Agent)

This plan has been reviewed by Little Kanawha SCD. All corrections
and additions become a part of this plan: 6-13-84 (Date)

Garrett Newton
(SCD Agent)

RECEIVED
JUL 16 1984

ACCESS ROAD

Structure Road Culverts (A)
Spacing As shown on sketch
Page Ref. Manual 2-7 to 2-11

Structure Drainage Ditch (B)
Spacing Inside road cuts
Along access road
Page Ref. Manual 2-12 to 2-15

Structure Cross Drains (C)
Spacing As shown on sketch
Page Ref. Manual 2-1 to 2-4

LOCATION

Structure Sediment Barrier (1)
Material Straw or hay bales
Page Ref. Manual 2-16 to 2-20

Structure Filter Strip (2)
Material Natural Vegetation Strip
Page Ref. Manual 2-16 to 2-17

Structure _____ (3)
Material _____
Page Ref. Manual _____

OIL & GAS DIVISION
DEPT. 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 according to soil test to
correct to pH 6.5

Fertilizer 600 lbs/acre
(10-20-20 or equivalent)

Mulch Hay or Straw 2.0 Tons/acre

Seed* Ky 31 Tall Fescue 40 lbs/acre
Birdsfoot Trefoil 10 lbs/acre
Dom Rye Grass 10 lbs/acre

Treatment Area II

Lime according to soil test to
correct to pH 6.5

Fertilizer 600 lbs/acre
(10-20-20 or equivalent)

Mulch Hay or Straw 2.0 Tons/acre

Seed* Ky 31 Tall Fescue 40 lbs/acre
Birdsfoot Trefoil 10 lbs/acre
Dom Rye Grass 10 lbs/acre

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

PLAN PREPARED BY SARC JSB
MSES Consultants, Inc.

ADDRESS 609 West Main Street
Clarksburg, WV 26301

PHONE NO. 304-624-9700 or
304-842-3325 (24-hour)

12/29/2023

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

FARM Eugene R. Hill DISTRICT Clay

COUNTY Ritchie

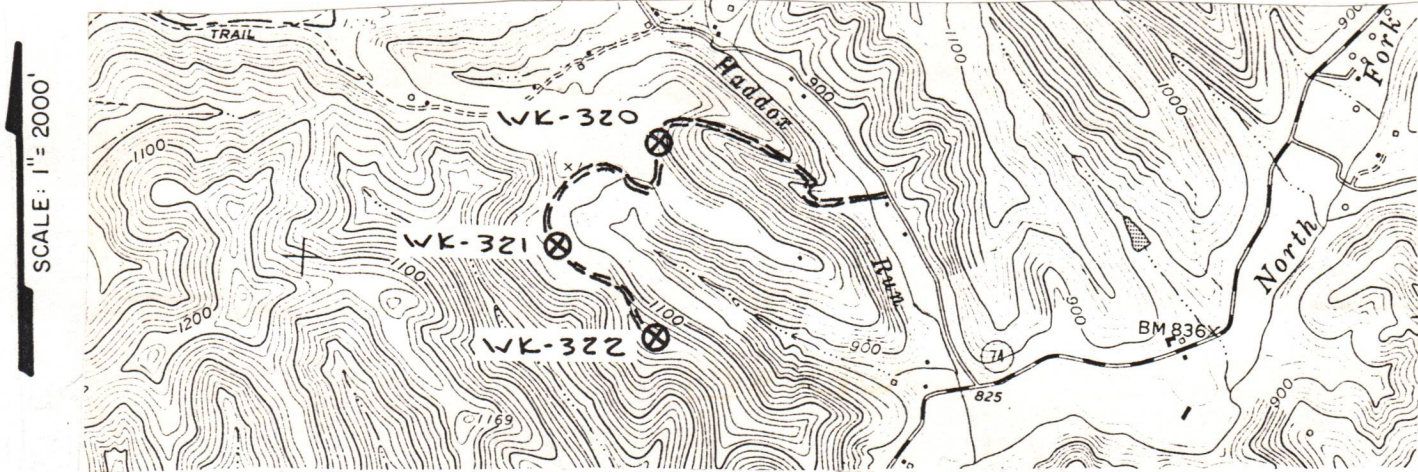
ATTACH OR PHOTOCOPY SECTION OF INVOLVED TOPOGRAPHIC MAP.

QUADRANGLE Pennsboro, WV 7.5' (1975)

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.

LEGEND

Property boundary	Diversion
Road	Spring
Existing fence	Wet spot
Planned fence	Building
Stream	Drain pipe
Open ditch	Waterway

NO SCALE

-----SEE ATTACHED SKETCH-----

Access to well site will be gained by continuing access road from WK-320 well site and upgrading approximately 2150' of existing farm road to use access road.

12/29/2023

The access road will be sloped 2-3% towards the open ditch. All outlets of drainage structures and ditches will be in a flat cleared area. All brush and timber will be removed from the area to be disturbed prior to any earth moving activities. Topsoil will be stockpiled for use in reclaiming. The road and well site will be brought to desired grade with erosion control structures being installed in conjunction with the grading. All cuts will be 2:1 slope or less.

produced an average of 60 Mcf or less per production day for the 90-day period (item 1). All available months of production preceding the filing date are shown on Form IV-39.

c.) Will the maximum efficient rate of flow be established by other evidence? _____

3. Dates

a.) List the dates during the production period (including the 90-day production period) which gas was not produced. _____

b.) Why was no gas produced on these dates? _____

4. Crude Oil

How much oil did the well produce during the 90-day production period? 0 (total bls)

How much oil per day? 0.

List all records reasonably available to you which contain information relevant to a determination of eligibility (including production records, B&O Tax records and royalty payment records) and indicate the location of such records.

Production records are provided by first purchaser and are located at the offices of Kepco, Inc., 436 Boulevard of the Allies, Pittsburgh, Pennsylvania 15219.

Describe the search made of any records listed above:

I hereby certify that I have caused to be made a diligent search of all records reasonably available to me that pertain to the classification of this well.

AFFIDAVIT

I, B. L. Wolcott, having been first sworn according to law, state that I have caused to be made a diligent search of those records hereinbefore indicated in the manner herein described, that the information contained in this document is true and accurate and that on the basis of the records and examinations hereinbefore described, and to the best of my information, knowledge and belief, the well for which this certification is sought qualifies as a stripper well.

B. L. Wolcott

STATE OF Pennsylvania

COUNTY OF Allegheny, TO-WIT:

I, David W. Hawk, a Notary Public in and for the state and county aforesaid, do certify that B. L. Wolcott, whose name is signed to the writing above, bearing date the 18th day of June, 1985, has acknowledged the same before me, in my county aforesaid.

Given under my hand and official seal this 28th day of June, 1985 12/29/2023

My term of office expires on the 16th day of January, 1988.

DAVID W. HAWK, Notary Public
Pittsburgh, Allegheny County, Pa.
My Commission Expires January 16, 1988
Notary Public

David W. Hawk

[NOTARIAL SEAL]

(Robertson #1)
WK-321
JUL 30 1985

COVER SHEET, STATE APPLICATION FOR WELL CLASSIFICATION

Date: June 18, 1985

25900

Applicant's Name: Kepco, Inc.

Address: 436 Blvd. of the Allies
Pittsburgh, PA 15219

Gas Purchaser Contract No. N/A

Date of Contract _____
(Month, day and year)

First Purchaser: N/A 9629

Address: _____
(Street or P.O. Box)

(City) (State) (Zip Code)

FERC Seller Code 039431

AGENCY USE ONLY
WELL DETERMINATION FILE NUMBER
850703 -1080-085- 7096
Use Above File Number on all
Communications Relating to This Well

Designated Agent: E. L. Stuart

Address: P.O. Box 1550
Clarksburg, WV 26301

FERC Buyer Code _____

NAME AND TITLE OF PERSON TO WHOM QUESTIONS CONCERNING THIS APPLICATION SHALL BE ADDRESSED:

Name: B. L. Wolcott Operations Manager
(Print) (Title)

Signature: B. L. Wolcott

Address: 436 Blvd. of the Allies
(Street or P.O. Box)
Pittsburgh, PA 15219

Telephone: (412) 391-7760
(Area Code) (Phone Number)

(Certificate of Proof of Service to Purchaser)

NGPA Category Applied For

NGPA SECTION/SUBSECTION

- 102 New Natural Gas
- 102-2 2.5 Mile Test
- 102-3 1000 Foot Deeper Test
- 102-4 New Onshore Reservoir

- 108 Stripper Well Natural Gas
- 108- Stripper Well
- 108-1 Seasonally Affected
- 108-2 Enhanced Recovery
- 108-3 Temporary Pressure Buildup

- 103 New Onshore Production Well
- 103 New Onshore Production Well

- 107 High Cost Natural Gas
- 107-0 Deep (more than 15,000 feet)
- 107-1 Geopressured Brine
- 107-2 Coal Seams
- 107-3 Devonian Shale
- 107-5 Production enhancement
- 107-6 New Tight Formation
- 107-7 Recompletion Tight Formation

AGENCY USE ONLY
QUALIFIED
12/29/2023/85
f

RECEIVED

JUL 3 1985

OIL & GAS DIV.
DEPT. OF MINES

Date Received

Determination Date