



1) Date: December 3, 19 82
 2) Operator's Well No. WK-207
 3) API Well No. 47 State 085 County 6090 Permit

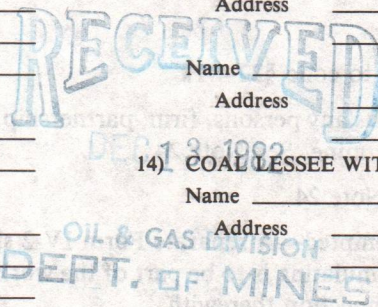
DRILLING CONTRACTOR:

Unknown

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

OIL AND GAS WELL PERMIT APPLICATION

- 4) WELL TYPE: A Oil / Gas /
 B (If "Gas", Production / Underground storage / Deep / Shallow /)
- 5) LOCATION: Elevation: 922.40' Watershed: North Fork Hughes River
 District: Clay County: Ritchie Quadrangle: Pennsboro, 7.5'
- 6) WELL OPERATOR KEPCO, Inc. 11) DESIGNATED AGENT E. L. Stuart
 Address 436 Blvd. of the Allies Address P. O. Box 1550
 Pittsburgh, PA 15219 Clarksburg, WV 26301
- 7) OIL & GAS ROYALTY OWNER Harvey K. Haymond, Jr. 12) COAL OPERATOR
 Address W. Va. Sec. Rt. 74
 Pennsboro, WV 26415
- 8) SURFACE OWNER Harvey K. Haymond, Jr. 13) COAL OWNER(S) WITH DECLARATION ON RECORD:
 Address W. Va. Sec. Rt. 74 Name NO COAL
 Pennsboro, WV 26415 Address
 Acreage 700.0 Name
 Address
- 9) FIELD SALE (IF MADE) TO:
 Address Unknown
- 10) OIL & GAS INSPECTOR TO BE NOTIFIED
 Name Deo Mace Address
 Address Rt. 1, Box 65 Sandridge, WV 25274
- 15) PROPOSED WORK: Drill / Drill deeper / Redrill / Fracture or stimulate /
 Plug off old formation / Perforate new formation /
 Other physical change in well (specify)
- 16) GEOLOGICAL TARGET FORMATION, Alexander/Fox
 17) Estimated depth of completed well, 5900 feet
 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



20) 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									Sizes
Coal									
Intermediate	8-5/8	J-55	23	X		1000	1000	Circulate	
Production	4-1/2	J-55	10.5	X			5800	480 SX by	Depths set OR AS Req. Rule 15-01
Tubing									Perforations:
Liners									Top Bottom

- 21) 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.)
- 22) ROYALTY PROVISIONS
 Is the right to extract, produce or market the oil or gas based upon a lease or other continuing 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.
- 23) Required Copies (See reverse side.)

24) 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 lessee on or before the day of the mailing or delivery of this Permit Application to the Department of Mines at Charleston, West Virginia.

Notary: [Signature]
 My Commission Expires 11-OCT-82

Signed: [Signature]
 Its: Operations Manager

OFFICE USE ONLY
DRILLING PERMIT

Permit number 47-085-6090 Date December 15 1982

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

Permit expires August 15, 1983 unless drilling is commenced prior to that date and prosecuted with due diligence.

Bond: Blanket	Agent: OK	Plat: [Signature]	Casing: [Signature]	Fee: 2189
---------------	-----------	-------------------	---------------------	-----------

[Signature]
 Administrator, Office of Oil and Gas

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 than 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.

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 regulations.

03/29/2024

No COAL

Date: _____, 19_____

By _____

Its _____

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

RECEIVED

JAN 24 1983

INSPECTOR'S WELL REPORT

OIL AND GAS DIVISION
WV DEPARTMENT OF MINES

Permit No. 85-6090

Oil or Gas Well _____
(KIND)

Company Kepecs Inc.
 Address _____
 Farm Harvey K. Haymond Jr.
 Well No. WK-207
 District Clay County Ritchie
 Drilling commenced 1-15-83
 Drilling completed _____ Total depth _____
 Date shot _____ Depth of shot _____
 Initial open flow _____ /10ths Water in _____ Inch
 Open flow after tubing _____ /10ths Merc. in _____ Inch
 Volume _____ Cu. Ft.
 Rock pressure _____ lbs. _____ hrs.
 Oil _____ bbls., 1st 24 hrs.
 Fresh water No record Drilled or fluid feet _____ feet
 Salt water _____ feet _____ feet

CASING AND TUBING	USED IN DRILLING	LEFT IN WELL	PACKERS
Size			
16			Kind of Packer _____
13			
10			Size of _____
8 1/4			
6 3/8			Depth set _____
5 3/16			
3			Perf. top _____
2			Perf. bottom _____
Liners Used			Perf. top _____
			Perf. bottom _____

CASING CEMENTED _____ SIZE _____ No. FT. _____ Date _____
 NAME OF SERVICE COMPANY _____
 COAL WAS ENCOUNTERED AT _____ FEET _____ INCHES
 _____ FEET _____ INCHES FEET _____ INCHES
 _____ FEET _____ INCHES FEET _____ INCHES

Drillers' Names William Boyd - Clarence Lockman - John Boyd
Carl E. Smith Rig # 6 Tool Pusher - William Weakley

Remarks: Visit 1321 foot deep.
Prevented Kepecs from running app. 1900 foot of 8 5/8 casing before running surface string first.

1-17-83
DATE

Samuel N. Heroman 03/29/2024
DISTRICT WELL INSPECTOR

Form 26
2/16/82

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

INSPECTOR'S PLUGGING REPORT

Permit No. _____

Well No. _____

COMPANY _____ ADDRESS _____

FARM _____ DISTRICT _____ COUNTY _____

Filling Material Used _____

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

Drillers' Names _____

Remarks: _____

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

03/29/2024
DISTRICT WELL INSPECTOR

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

RECEIVED

JAN 24 1983

OIL AND GAS DIVISION
WV DEPARTMENT OF MINES

INSPECTOR'S WELL REPORT

Permit No. 85-6090

Oil or Gas Well _____
(KIND)

Company Kepco Inc.
 Address _____
 Farm Harvey H. Raymond Jr.
 Well No. WK-207
 District Clay County Ritchie
 Drilling commenced 1-15-83
 Drilling completed _____ Total depth _____
 Date shot _____ Depth of shot _____
 Initial open flow _____ /10ths Water in _____ Inch
 Open flow after tubing _____ /10ths Merc. in _____ Inch
 Volume _____ Cu. Ft.
 Rock pressure _____ lbs. _____ hrs.
 Oil _____ bbls., 1st 24 hrs.
 Fresh water _____ feet _____ feet
 Salt water _____ feet _____ feet

CASING AND TUBING	USED IN DRILLING	LEFT IN WELL	PACKERS
Size			
16			Kind of Packer _____
13			
10			Size of _____
8 1/4			
6 3/8			Depth set _____
5 3/16			
3			Perf. top _____
2			Perf. bottom _____
Liners Used			Perf. top _____
			Perf. bottom _____

CASING CEMENTED _____ SIZE _____ No. FT. _____ Date _____
 NAME OF SERVICE COMPANY _____
 COAL WAS ENCOUNTERED AT _____ FEET _____ INCHES
 _____ FEET _____ INCHES FEET _____ INCHES
 _____ FEET _____ INCHES FEET _____ INCHES

Drillers' Names _____

Remarks: Ran 34 joints of 8 5/8 casing 1476' foot total
Halliburton ran 390 sacks cement
Plug down at 1:10 AM
1767 foot deep at time of visit

1-18-83
DATE

Samuel N. Hersman 03/29/2024
DISTRICT WELL INSPECTOR

Form 26
2/16/82

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

INSPECTOR'S PLUGGING REPORT

Permit No. _____ Well No. _____

COMPANY _____ ADDRESS _____

FARM _____ DISTRICT _____ COUNTY _____

Filling Material Used _____

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

Drillers' Names _____

Remarks: _____

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

03/29/2024

DISTRICT WELL INSPECTOR

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

RECEIVED

JUL 28 1983

Final
INSPECTOR'S WELL REPORT DEPT. OF MINES

Permit No. 085 6090

Oil or Gas Well _____
(KIND)

Company Kepco, Inc.
 Address _____
 Farm Harvey K. Haymond
 Well No. WK 207
 District Clay County Ritchie
 Drilling commenced _____
 Drilling completed _____ Total depth _____
 Date shot _____ Depth of shot _____
 Initial open flow _____ /10ths Water in _____ Inch
 Open flow after tubing _____ /10ths Merc. in _____ Inch
 Volume _____ Cu. Ft.
 Rock pressure _____ lbs. _____ hrs.
 Oil _____ bbls., 1st 24 hrs.
 Fresh water _____ feet _____ feet
 Salt water _____ feet _____ feet

CASING AND TUBING	USED IN DRILLING	LEFT IN WELL	PACKERS
Size			
16			Kind of Packer _____
13			
10			Size of _____
8 1/4			
6 3/8			Depth set _____
5 3/16			
3			Perf. top _____
2			Perf. bottom _____
Liners Used			Perf. top _____
			Perf. bottom _____

CASING CEMENTED _____ SIZE _____ No. FT. _____ Date _____
 NAME OF SERVICE COMPANY _____
 COAL WAS ENCOUNTERED AT _____ FEET _____ INCHES
 _____ FEET _____ INCHES FEET _____ INCHES
 _____ FEET _____ INCHES FEET _____ INCHES

Drillers' Names _____

Remarks: OK To Release

7 25 83

DATE

James P. Reynolds 03/29/2024
DISTRICT WELL INSPECTOR

Form 26
2/16/82

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

Permit No. _____ Well No. _____

COMPANY _____ ADDRESS _____

FARM _____ DISTRICT _____ COUNTY _____

Filling Material Used _____

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

Drillers' Names _____

Remarks: _____

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

DATE

03/29/2024

DISTRICT WELL INSPECTOR



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

WALTER N. MILLER
DIRECTOR

THEODORE M. STREIT
ADMINISTRATOR

August 12, 1983

Kepeco, 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:

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

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

Very truly yours,

Theodore M. Streit, Administrator
Office of Oil & Gas-Dept. Mines

03/29/2024

12/15/82

3125'

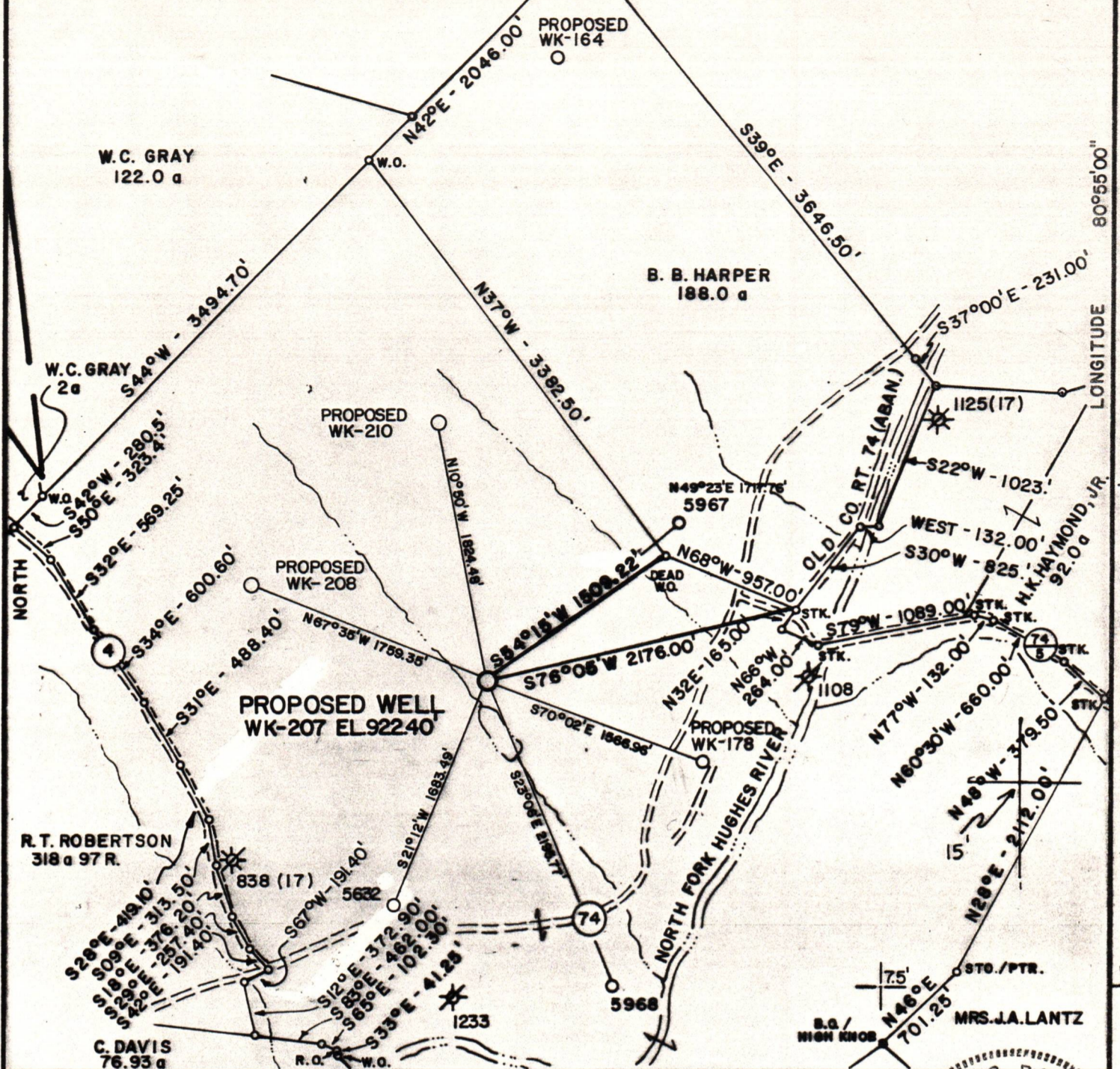
PREPARED BY MOUNTAIN STATE ENVIRONMENTAL SERVICE

LATITUDE 39°22'30"

80°55'00"

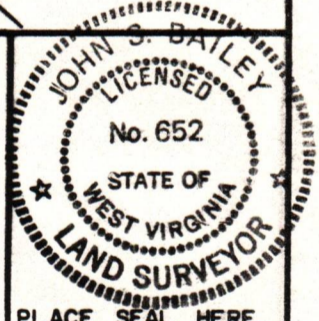
LONGITUDE

14,025'



FILE NO. MSES-144
 DRAWING NO. _____
 SCALE 1" = 1000' = 0"
 MINIMUM DEGREE OF ACCURACY 1 PART IN 200
 PROVEN SOURCE OF ELEVATION INT. RT. 74 & RT. NO. 4
EL. 825.00

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
 F.P.E. _____ L.I.S. 652



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



Department of Mines
 Oil & Gas Division


DATE DECEMBER, 3, 19 82
 OPERATOR'S WELL NO. WK-207
 API WELL NO. 47-085-6090
 STATE COUNTY PERMIT


WELL TYPE: OIL _____ GAS X LIQUID INJECTION _____ WASTE DISPOSAL _____
 (IF "GAS", PRODUCTION _____ STORAGE _____ DEEP _____ SHALLOW X)
 LOCATION: ELEVATION 922.40' WATER SHED NORTH FORK HUGHES RIVER
 DISTRICT CLAY COUNTY RITCHIE
 QUADRANGLE PENNSBORO, 7.5' (1976)
 SURFACE OWNER H.K. HAYMOND, JR. ACREAGE 700.0
 OIL & GAS ROYALTY OWNER H.K. HAYMOND, JR. LEASE ACREAGE 606.0
 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 ALEXANDER / FOX ESTIMATED DEPTH 5900'
 WELL OPERATOR KEPCO, INC. DESIGNATED AGENT KEPCO, INC. E.L. STUART
 ADDRESS 436 BLVD. OF THE ALLIES ADDRESS 436 BLVD. OF THE ALLIES P.O. BOX 1550
PITTSBURGH, PA 15219 PITTSBURGH, PA 15219 CLARKSBURG, WV 26301

03/29/2024

ATTACH OR PHOTOCOPY SECTION OF INVOLVED TOPOGRAPHIC MAP. QUADRANGLE Pennsboro 7.5 (1976)

LEGEND

Well Site 










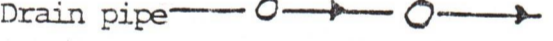

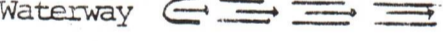
Access Road 

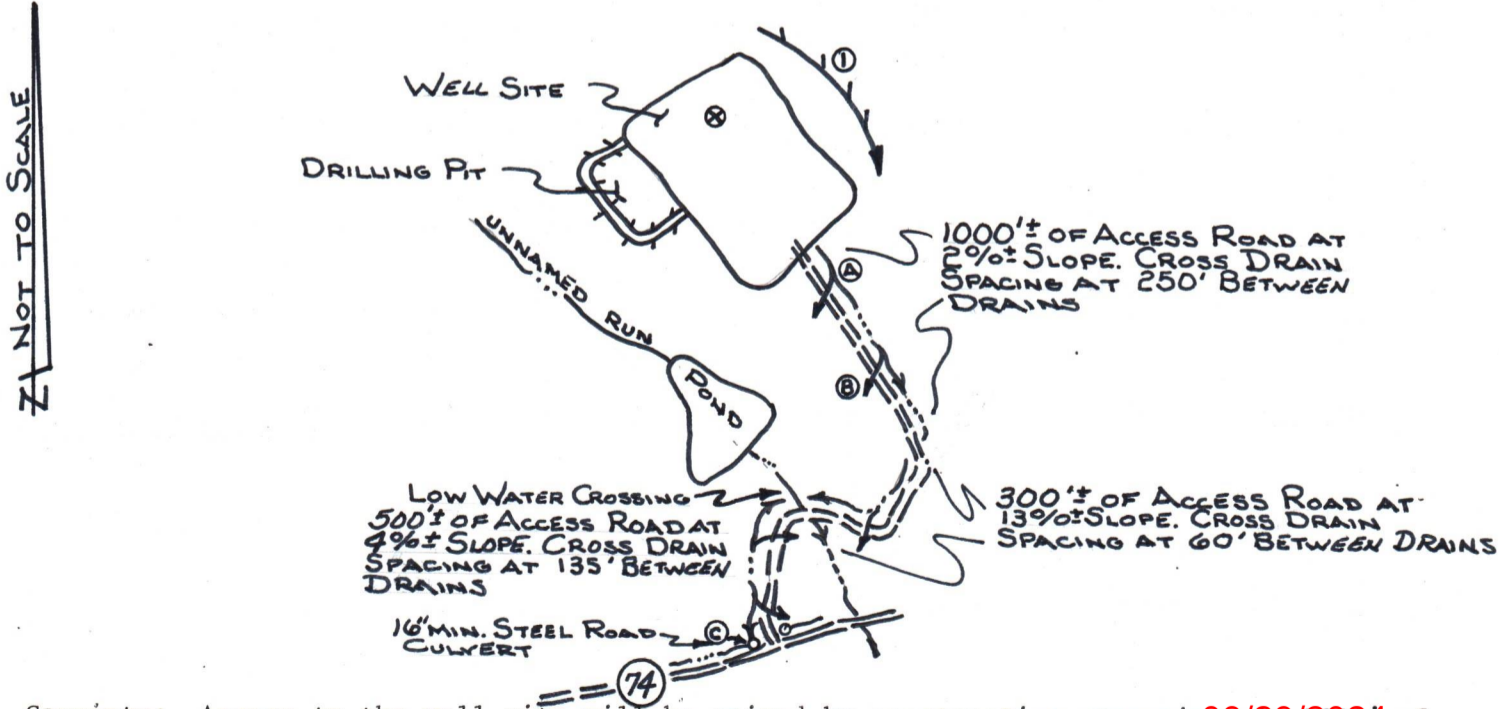


WELL SITE PLAN

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 



Comments: Access to the well site will be gained by constructing approximately 2900' 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 structures and 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 preceding 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.

08/29/2024



IV-9
(Rev 8-81)

DATE December 3, 1982

WELL NO. WK-207

State of West Virginia

API NO. 47 - 085 - 6090

Department of Mines
Oil and Gas Division

CONSTRUCTION AND RECLAMATION PLAN

COMPANY NAME KEPCO, 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 H. K. Haymond, Jr.

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: 12-9-82

(Date)

Jarrett Newlon
(SCD Agent)

ACCESS ROAD

LOCATION

Structure Drainage Ditch (A)
Spacing Along Access Road
Page Ref. Manual 2-12 to 2-14

Structure Diversion Ditch (1)
Material Earth
Page Ref. Manual 2-12 to 2-13

Structure Cross Drain (B)
Spacing 60' Between Drains
Page Ref. Manual 2-1 to 2-6

Structure _____ (2)
Material _____
Page Ref. Manual _____

Structure Culvert (C)
Spacing 16" min. Steel Road Culvert
Page Ref. Manual 2-7 to 2-11

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

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 3.0 Tons/acre
or correct to pH 6.5

Lime 3.0 Tons/acre
or correct to pH 6.5

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

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

Mulch Hay or straw 2.0 Tons/acre

Mulch Hay or straw 2.0 Tons/acre

Seed* Ky 31 Tall Fescue 40 lbs/acre

Seed* Ky 31 Tall Fescue 40 lbs/acre

Birdsfoot Trefoil 10 lbs/acre

Birdsfoot Trefoil 10 lbs/acre

Dom Rye Grass 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.

03/29/2024

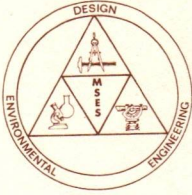
PLAN PREPARED BY Mountain State Environmental Serv.

ADDRESS 609 West Main Street

Clarksburg, West Virginia 26301

PHONE NO. 304/624-9700, 842-3325

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



MOUNTAIN STATE ENVIRONMENTAL SERVICE

609 WEST MAIN STREET • P.O. DRAWER 190 • CLARKSBURG, WV 26301

TELEPHONE: 304-624-9700 • 304-842-3325

December 10, 1982

Mr. Ted Streit
West Virginia Department of Mines
Oil & Gas Division
1613 Washington Street East
Charleston, West Virginia 25311

RECEIVED
DEC 13 1982

OIL & GAS DIVISION
DEPT. OF MINES

Dear Mr. Streit:

Enclosed is the following information for one (1) proposed well known as
KEPCO, Inc., WK-207, (Haymond Lease).

- Original with five (5) carbon copies of Oil and Gas Well Permit Application
- Original and four (4) copies of the Construction and Reclamation Plan
- Original and four (4) copies of the Well Plat
- One (1) copy of the Oil and Gas Lease

I have also enclosed a check in the amount of \$100.00 for this application.

Should you have any questions concerning this application, please direct your inquiries to the address shown above. The Drilling Permit should be forwarded to:

H. E. Gardner, Operations Manager
KEPCO, Inc.
436 Boulevard of the Allies
Pittsburgh, Pennsylvania 15219

Sincerely,

Jerry M. Queen
Field Coordinator

cc: H. E. Gardner

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

Perfs: 5678'-5789' 59 holes Avg. press. 2850 psi; Avg. rate 29 BPM
 5084'-5094' 41 holes Avg. press. 2200 psi; Avg. rate 25 BPM
 4798'-4804' 25 holes
 4422'-4436' 22 holes > Avg. press. 2000 psi; Avg. rate 28 BPM

Fractured: 2/2/83 Halliburton
 3 stage frac job

1st stage 27,500 lbs. 20/40
 2nd stage 27,500 lbs. 20/40
 3rd stage 27,500 lbs. 20/40

1000 gal. 15% HCl, WG-12, KCl,
 HC-2, 15-N, Nitrogen

WELL LOG

FORMATION	COLOR	HARD OR SOFT	TOP FEET	BOTTOM FEET	REMARKS
					Including indication of all fresh and salt water, coal, oil and gas
Clay and topsoil			0'	30'	
Sandy shale			30'	142'	116' fresh water
Sand and shale			142'	280'	
Sandy shale and shale			280'	580'	
Sand and shale			580'	742'	
Sandy shale			742'	1000'	
Sand, shale and sandy shale			1000'	1272'	
Sand			1272'	1461'	
Sandy shale and shale			1461'	1502'	
Sand and shale			1502'	1724'	
Maxton			1724'	1736'	
Shale			1736'	1750'	
Little Lime			1750'	1768'	1766' Salt water
Sand and shale			1768'	1782'	
Big Lime			1782'	1858'	
Big Injun			1858'	1886'	
Shale			1886'	2192'	
Weir			2192'	2290'	
Shale and sandy shale			2290'	2566'	
Gordon			2566'	2586'	
Shale and sandy shale			2586'	2768'	
5th			2768'	2780'	
Shale			2780'	2916'	2795' Gas
Bayard			2916'	2940'	
Shale			2940'	3300'	
Speechley			3300'	3405'	
Shale			3405'	3680'	
Balltown			3680'	3884'	
Shale and sandy shale			3884'	4421'	
Riley			4421'	4436'	
Shale			4436'	4798'	
Benson			4798'	4804'	
Shale			4804'	5060'	
Alexander			5060'	5094'	
Shale			5094'	5705'	
Shale and sandy shale			5705'	5995'	
TD				5995'	

(Attach separate sheets as necessary)

KEPCO, INC.

Well Operator

By: Ryan L. Wilcox Drilling & Production Manager

Date: March 11, 1983

03/29/2024

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."



RECEIVED
JUN 13 1983
OIL & GAS DIVISION
DEPT. OF MINES

State of West Virginia
Department of Mines
Oil and Gas Division

Date March 11, 1983
Operator's Well No. WK-207
Farm Harvey K. Haymond
API No. 47 - 085 - 6090

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

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

LOCATION: Elevation: 922.40 Watershed North Fork Hughes River
District: Clay County Ritchie Quadrangle Pennsboro 7.5'

COMPANY Kepeco, Inc.
ADDRESS 436 Boulevard of the Allies
Pittsburgh, PA 15219
DESIGNATED AGENT E. L. Stuart
ADDRESS P.O. Box 1550
Clarksburg, W.VA. 26301
SURFACE OWNER Harvey K. Haymond, Jr.
ADDRESS W.Va. Sec. Rt 74
Pennsboro, WV 26415
MINERAL RIGHTS OWNER Harvey K. Haymond, Jr.
ADDRESS W.Va. Sec. Rt. 74
Pennsboro, WV 26415
OIL AND GAS INSPECTOR FOR THIS WORK Deo
Mace ADDRESS Sandridge, WV 25274
PERMIT ISSUED December 15, 1982
DRILLING COMMENCED January 16, 1983
DRILLING COMPLETED January 22, 1983
IF APPLICABLE: PLUGGING OF DRY HOLE ON
CONTINUOUS PROGRESSION FROM DRILLING OR
REWORKING. VERBAL PERMISSION OBTAINED
ON N/A

Casing & Tubing	Used in Drilling	Left in Well	Cement fill up Cu. ft.
Size - 20-16 - Cond.			
13-10"	30'	30'	10 sx
9 5/8			
8 5/8	1476'	1476'	290 sx pozmix 100 sx Class A
7			
5 1/2			
4 1/2	5834'	5834'	380 sx pozmix
3			
2			
Liners used			

GEOLOGICAL TARGET FORMATION Devonian Shale Depth 5640 feet
Depth of completed well 5995 feet Rotary x / Cable Tools
Water strata depth: Fresh 116 feet; Salt 1766 feet
Coal seam depths: None Reported Is coal being mined in the area? No

OPEN FLOW DATA
Producing formation Devonian shale; Alexander; Benson; Riley Pay zone depth 5678'; 5084'; 4798'; 4422' feet
Gas: Initial open flow 0 Mcf/d Oil: Initial open flow 0 Ebl/d
Final open flow 600 Mcf/d Final open flow 0 Ebl/d
Time of open flow between initial and final tests 8 hours
Static rock pressure 1600 psig (surface measurement) after 48 hours shut in
(If applicable due to multiple completion--)
Second producing formation Pay zone depth 03/29/2024 feet
Gas: Initial open flow Mcf/d Oil: Initial open flow Ebl/d
Final open flow Mcf/d Oil: Final open flow Ebl/d
Time of open flow between initial and final tests hours
Static rock pressure psig (surface measurement) after hours shut in

(Continue on reverse side)

RIT. 6090