



1) Date: December 2, 19 82
 2) Operator's Well No. WK-179
 3) API Well No. 47 085 6070
 State County Permit

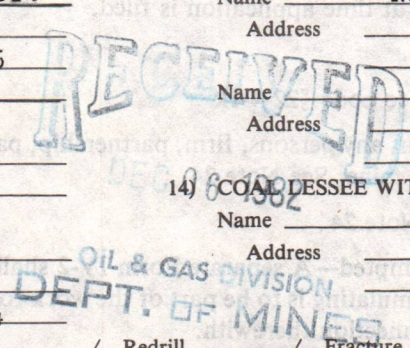
DRILLING CONTRACTOR:

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: 877.10 Watershed: Burton Run
 District: Clay County: Ritchie Quadrangle: Pennsboro, 7.5 min.
- 6) WELL OPERATOR KEPCO, Inc. 11) DESIGNATED AGENT E. L. Stuart
 Address 436 Blvd. of the Allies Address P. O. Box 1550
Pittsburgh, PA 15216 Clarksburg, WV 26301
- 7) OIL & GAS ROYALTY OWNER Harvey K. Haymond, Jr. 12) COAL OPERATOR _____
 Address Route 2, Box 116 Address _____
Pennsboro, WV 26415
 Acreage 92.0
- 8) SURFACE OWNER Harvey K. Haymond, Jr. 13) COAL OWNER(S) WITH DECLARATION ON RECORD:
 Address Route 2, Box 116 Name "NO COAL"
Pennsboro, WV 26415 Address _____
 Acreage 42.0 Name _____
 Address _____
- 9) FIELD SALE (IF MADE) TO:
 Address Unknown
- 10) OIL & GAS INSPECTOR TO BE NOTIFIED
 Name Deo Mace Address _____
 Address Route 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, 5800 feet
 18) Approximate water strata depths: Fresh, 100 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											
Coal										Sizes	
Intermediate	8-5/8	J-55	23#	X		900	900	Circulate			
Production	4-1/2	J-55	10.5#	X		5700	5700	480 SA	Depth set	by Rule 15.01	
Tubing											
Liners										Perforations: 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: Jerry W. Queen
 My Commission Expires 14-OCT-1992

Signed: [Signature]
 Its: Operations Manager

OFFICE USE ONLY

Permit number 47-085-6070 **DRILLING PERMIT** December 9, 1982
 Date 03/29/2024

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 9, 1983 unless drilling is commenced prior to that date and prosecuted with due diligence.

Bond: <u>Blanket</u>	Agent: <u>OK</u>	Plat: <u>[Signature]</u>	Casing: <u>[Signature]</u>	Fee: <u>2154</u>
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[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

03/29/2024

The undersigned coal operator _____ / owner _____ / lessee _____ / of the coal under this well location has examined this proposed well location. If a mine map exists which covers the area of the well location, the well location has been added to the mine map. The undersigned has no objection to the work proposed to be done at this location, provided, the well operator has complied with all applicable requirements of the West Virginia Code and the governing regulations.


Date: _____, 19_____


By _____

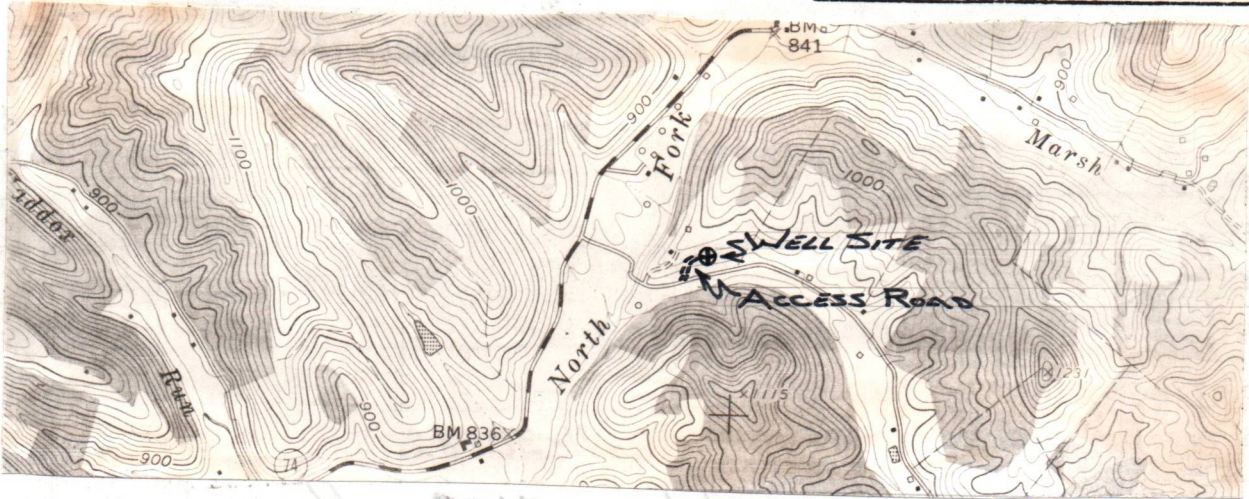
Its _____

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

LEGEND

Well Site 



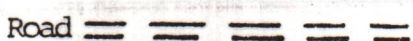






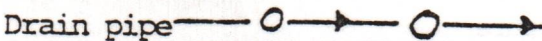
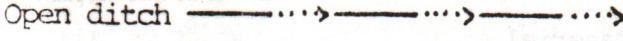
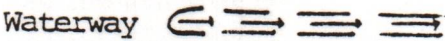
Access Road 

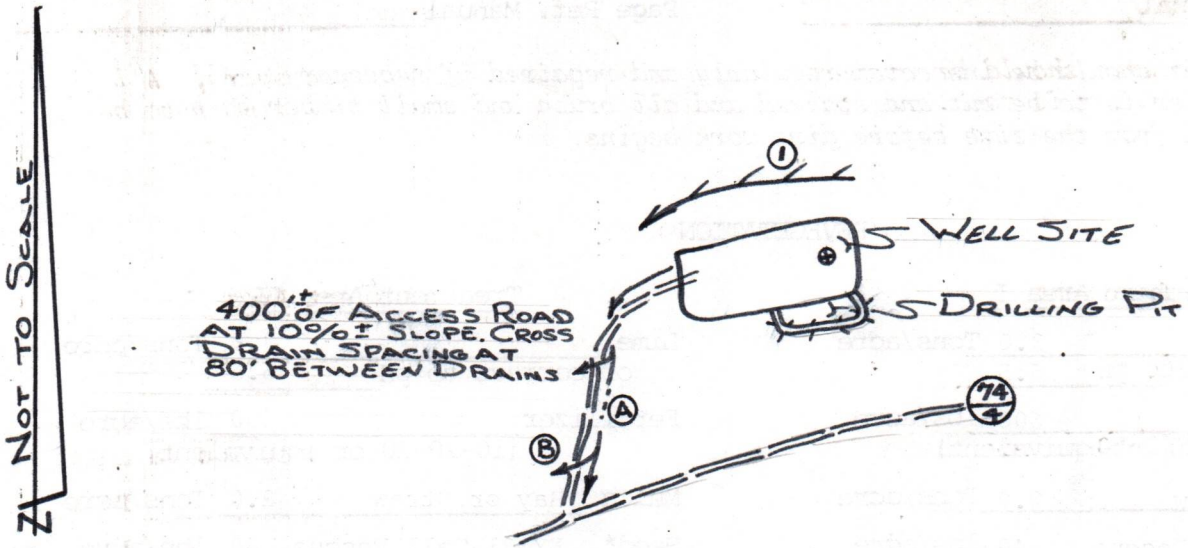


WELL SITE PLAN

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 400 feet of new access road, beginning at a junction point in the Ritchie County Route 74/4. 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 03/29/2024 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.



IV-9
(Rev 8-81)

DATE 11-30-82

WELL NO. WK-179

State of West Virginia

API NO. 47 - 085 - 6070

Department of Mines
Oil and Gas Division

CONSTRUCTION AND RECLAMATION PLAN

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

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

LANDOWNER Lewis F. Pierce

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: 11-30-82

(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 Drains (B)
Spacing 80 Feet between drains
Page Ref. Manual 2-1 to 2-6

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

Structure _____ (C)
Spacing _____
Page Ref. Manual _____

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
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
Birdfoot Trefoil 10 lbs/acre
Dom Rye Grass 10 lbs/acre

Lime 3.0 Tons/acre
or 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
Birdfoot 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.

03/29/2024

Robert V. Stuart

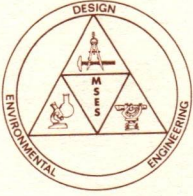
PLAN PREPARED BY Mountain State Environmental Serv.

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

ADDRESS 102 S. Fourth Street

Clarksburg, West Virginia 26301

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



MOUNTAIN STATE ENVIRONMENTAL SERVICE

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

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

December 2, 1982

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

Dear Mr. Streit:

Enclosed is the following information for one (1) proposed well known as
KEPCO, Inc., WK-179, (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 Blvd. of the Allies
Pittsburgh, Pennsylvania 15216

Sincerely,

Jerry M. Queen
Field Coordinator

cc: H. E. Gardner

RECEIVED

DEC 06 1982

OIL & GAS DIVISION
DEPT. OF MINES

K-196

THIS MEMORANDUM OF LEASE, Made this 1st day of June, 1981, by and between HARVEY K. HAYMOND and ANNIE B. HAYMOND, his wife, and FLORENCE M. HILEY, unmarried, and LEWIS F. PIERCE and BEATRICE C. PIERCE, 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 whereof is hereby acknowledged, Lessors, by lease of even date herewith, have demised, leased and let unto Lessee all of that certain tract or parcel of land containing 92 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 as Tracts 1 and 2, for the purpose of drilling and operating for oil and gas for a term of four (4) years from this date and as long thereafter as oil and gas, or either of them, is produced in paying quantities from the above described tract or parcel 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)
 HARVEY K. HAYMOND

Annie B. Haymond (SEAL)
 ANNIE B. HAYMOND

COPY

RECEIVED

JUN 06 1982

OIL & GAS DIVISION
 DEPT. OF MINES

03/29/2024

COPY

03/29/2024

Florence M Hiley (SEAL)
FLORENCE M. HILEY

Lewis F Pierce (SEAL)
LEWIS F. PIERCE

Beatrice C. Pierce (SEAL)
BEATRICE C. PIERCE

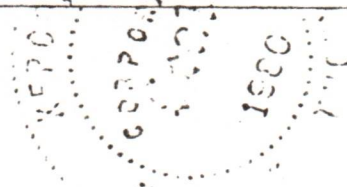
KEPCO, INC.

BY [Signature]
Its EXECUTIVE VICE PRESIDENT.

ATTEST:

R. R. Martin

Its ASSISTANT SECRETARY



STATE OF WEST VIRGINIA,
COUNTY OF Ritchie, TO-WIT:

The foregoing instrument was acknowledged before me by
HARVEY K. HAYMOND and ANNIE B. HAYMOND, his wife, on this 12th
day of April, 1982

My Commission Expires: June 19, 1989

Helen M McCullough
Notary Public

STATE OF W.V.,
COUNTY OF Ritchie, TO-WIT:

The foregoing instrument was acknowledged before me by
FLORENCE M. HILEY, unmarried, on this 3 day of April
1981

My Commission Expires: July 8, 1983

(SEAL)

[Signature]
Notary Public

03/29/2024

COPY

COPY

03/29/2024

464

STATE OF WV.
COUNTY OF Kitchie, TO-WIT:

The foregoing instrument was acknowledged before me by
LEWIS F. PIERCE and BEATRICE C. PIERCE, his wife, on this 3
day of April, 1981.

My Commission Expires:

May 8, 1983

Shirley L. Dulaney
Notary Public

(SEAL)

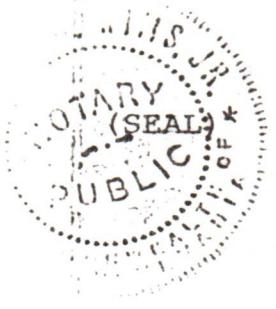
COMMONWEALTH OF PENNSYLVANIA,
COUNTY OF ALLEGHENY, TO-WIT:

The foregoing instrument was acknowledged before me by
JOHN G. CALDWELL, EXECUTIVE VICE PRESIDENT of
KEPCO, INC., a Kentucky corporation, on this 21 day of
April, 1981, on behalf of said corporation.

My Commission Expires:

May 20, 1982

Edward J. Hines, Jr.
Notary Public



This instrument prepared by:

Francis L. Warder, Jr., Esquire
LOUCHERY & SINSEL
623 Goff Building
Clarksburg, West Virginia 26301

03/29/2024

COPY

STATE OF

NEW YORK

IN SENATE

JANUARY 15, 1914

REPORT

OF THE

COMMISSIONERS OF

THE LAND OFFICE

FOR THE YEAR

ENDING

DECEMBER 31, 1913

ALBANY:

WILEY & SONS, PRINTERS

1914

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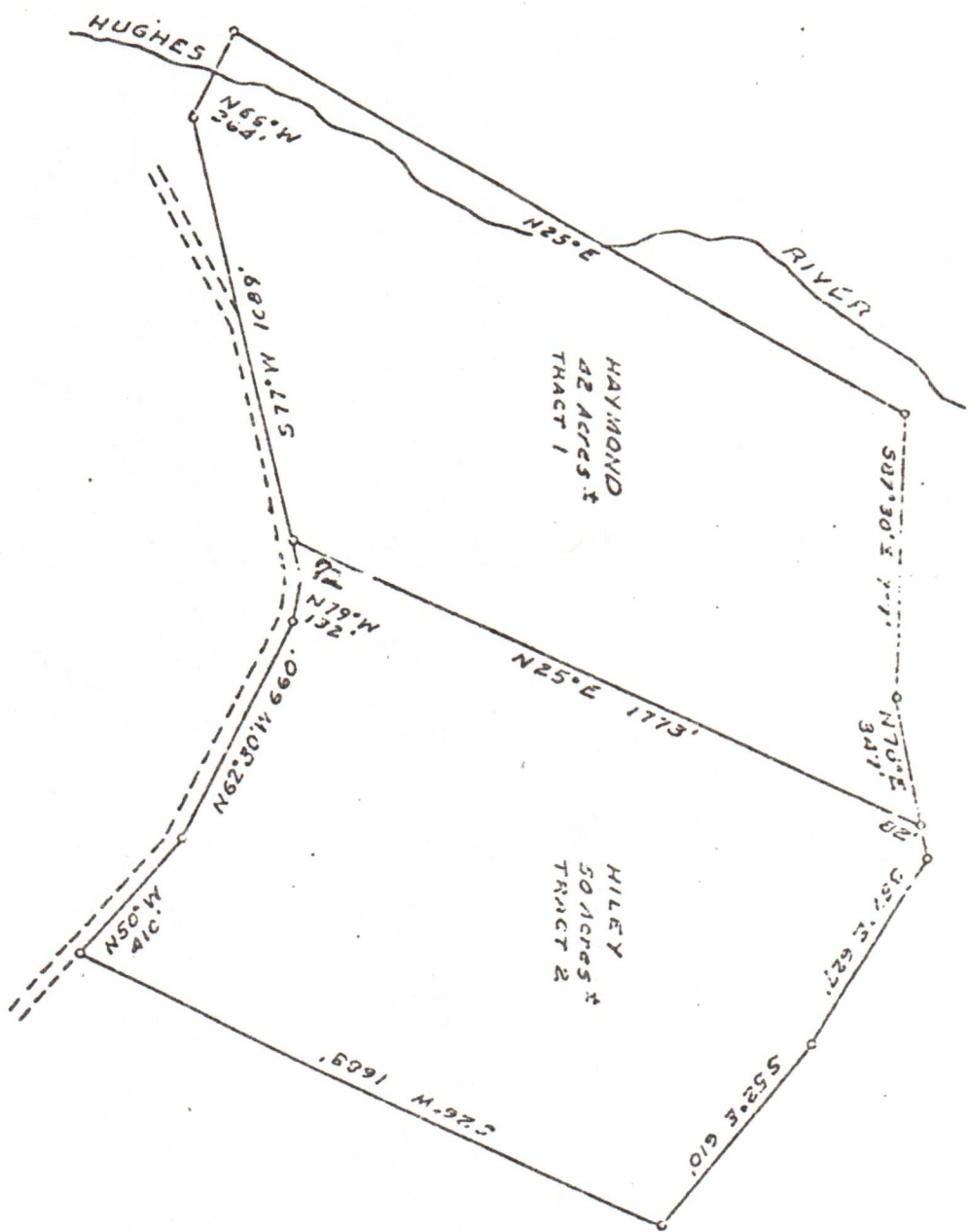
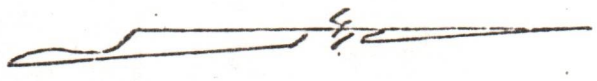
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03/29/2024

COPY



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COPY

03/29/2024



1. THE SURVEY IS SUBJECT TO ALL RIGHTS RESERVED BY THE UNITED STATES GOVERNMENT.
 2. THE SURVEY IS SUBJECT TO ALL RIGHTS RESERVED BY THE STATE OF TEXAS.
 3. THE SURVEY IS SUBJECT TO ALL RIGHTS RESERVED BY THE COUNTY OF ...
 4. THE SURVEY IS SUBJECT TO ALL RIGHTS RESERVED BY THE ...
 5. THE SURVEY IS SUBJECT TO ALL RIGHTS RESERVED BY THE ...

COBY

03/29/2024

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

Perfs: 5636'-5820' 60 holes Avg. press. 3350 psi; Avg. rate 24 BPM
 5037'-5047' 41 holes Avg. press. 2200 psi; Avg. rate 25 BPM
 4753'-4757' 17 holes
 4373'-4386' 18 holes } Avg. press. 2400 psi; Avg. rate 31 BPM

Fractured: 1-11-83 and 1-12-83 Halliburton
 3 stage frac job
 1st stage 25,000 lbs. 20/40 sand
 2nd stage 27,500 lbs. 20/40 sand
 3rd stage 25,000 lbs. 20/40 sand

1000 gal. 15% HCl, 15-N, WG-12, KCl,
 HC-2, 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'	128'	102' salt water
Sand and sandy shale			128'	272'	
Sand, shale and sandy shale			272'	1180'	
Sand and shale			1180'	1248'	
Sand			1248'	1418'	
Sandy shale and shale			1418'	1546'	
Sand and shale			1546'	1676'	1675' salt water
Maxton			1676'	1691'	
Shale			1691'	1702'	
Little Lime			1702'	1722'	
Shale			1722'	1732'	
Big Lime			1732'	1813'	
Big Injun			1813'	1933'	
Shale			1933'	2008'	
Sand, sandy shale and sand			2008'	2137'	
Weir			2137'	2244'	
Sandy shale, sand and shale			2244'	2517'	
Gordon			2517'	2539'	
Sandy shale and shale			2539'	2650'	
5th			2650'	2730'	
Shale and sandy shale			2730'	2873'	
Bayard			2873'	2894'	
Shale			2894'	3242'	
Speechley			3242'	3296'	
Shale			3296'	3630'	
Balltown			3630'	3742'	
Shale and sandy shale			3742'	4372'	
Riley			4372'	4389'	4372' gas
Shale			4389'	4740'	
Benson			4740'	4774'	
Shale			4774'	5013'	
Alexander			5013'	5058'	
Shale			5058'	5663'	
Shale and sandy shale			5663'	5995'	
TD				5995'	

(Attach separate sheets as necessary)

KEPCO, INC.

Well Operator

By: 

OPERATIONS MANAGER

Date: January 28, 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



FEB 14 1983

State of West Virginia

OIL AND GAS DIVISION
WV DEPARTMENT OF MINES

Department of Mines
Oil and Gas Division

Date February 7, 1983

Operator's

Well No. WK-179

Farm Harvey K. Haymond

API No. 47 - 085 - 6070

WELL OPERATOR'S REPORT
OF

DRILLING, FRACTURING AND/OR STIMULATING, OR PHYSICAL CHANGE

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

LOCATION: Elevation: 877.10 Watershed Burton Run
District: Clay County Ritchie Quadrangle Pennsboro 7.5'

COMPANY Keeco, Inc.

ADDRESS 436 Boulevard of the Allies
Pittsburgh, PA 15219

DESIGNATED AGENT E. L. Stuart

ADDRESS P.O. Box 1550
Clarksburg, WV 26301

SURFACE OWNER Harvey K. Haymond, Jr.

ADDRESS Rt. 2 Box 116
Pennsboro, WV 26415

MINERAL RIGHTS OWNER Harvey K. Haymond, Jr.

ADDRESS Rt. 2 Box 116
Pennsboro, WV 26415

OIL AND GAS INSPECTOR FOR THIS WORK Deo

Mace ADDRESS Rt. 1, Box 65
Sandridge, WV 25274

PERMIT ISSUED December 9, 1982

DRILLING COMMENCED December 22, 1982

DRILLING COMPLETED January 5, 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	1317'	1317'	275 sx pozmix 50 sx Class A
7			
5 1/2			
4 1/2	5881'	5881'	445 sx poz mix
3			
2			
Liners used			

GEOLOGICAL TARGET FORMATION Devonian Shale Depth 5588' feet

Depth of completed well 5995' feet Rotary / Cable Tools

Water strata depth: Fresh 102 feet; Salt 1675 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 5636'; 5037'; 4753'; 4373' feet

Gas: Initial open flow 0 Mcf/d Oil: Initial open flow 0 Ebl/d

Final open flow 570 Mcf/d Final open flow 0 Ebl/d

Time of open flow between initial and final tests 8 hours

Static rock pressure 1400 psig (surface measurement) after 48 hours shut in
(If applicable due to multiple completion--)

Second producing formation 03/29/2024 Pay zone depth 03/29/2024 feet

Gas: Initial open flow 0 Mcf/d Oil: Initial open flow 0 Ebl/d

Final open flow 0 Mcf/d Oil: Final open flow 0 Ebl/d

Time of open flow between initial and final tests 0 hours

Static rock pressure 0 psig (surface measurement) after 0 hours shut in

(Continue on reverse side)

KIT: 6070

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

RECEIVED

DEC 28 1982

OIL AND GAS DIVISION
WV DEPARTMENT OF MINES

INSPECTOR'S WELL REPORT

Permit No. 85-6070

Oil or Gas Well _____
(KIND)

Company <u>Repsco Inc.</u>	CASING AND TUBING	USED IN DRILLING	LEFT IN WELL	PACKERS
Address _____	Size			
Farm _____	16			Kind of Packer _____
Well No. <u>WK-170</u>	13			
District <u>Clay</u> County <u>Pitcher</u>	10			Size of _____
Drilling commenced <u>12-23-82</u>	8 1/4			
Drilling completed _____ Total depth _____	6 3/8			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>100'</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 William Boyd - John Boyd H. Sheathouse
Carl Smith Rig # 6 Tool Pusher William Weebly
Remarks: Visit 148' Deep of time of Visit - Pet OK.

12-23-82
DATE

Samuel M. Hersman
DISTRICT WELL INSPECTOR

03/29/2024

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

RECEIVED

JAN 4 - 1983

OIL AND GAS DIVISION
WV DEPARTMENT OF MINES

INSPECTOR'S WELL REPORT

Permit No. 85-6070

Oil or Gas Well _____
(KIND)

Company <u>Keeco Inc.</u>	CASING AND TUBING	USED IN DRILLING	LEFT IN WELL	PACKERS
Address _____	Size			
Farm <u>Harvey H. Raymond Jr.</u>	16			Kind of Packer _____
Well No. <u>WK-170</u>	13			
District <u>Clay</u> County <u>Ritchie</u>	10			Size of _____
Drilling commenced <u>12-23-82</u>	8 1/4			
Drilling completed _____ Total depth _____	6 3/8			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 _____ feet _____ feet	NAME OF SERVICE COMPANY _____			
Salt water _____ feet _____ feet	COAL WAS ENCOUNTERED AT _____ FEET _____ INCHES			
	_____ FEET _____ INCHES _____ FEET _____ INCHES			
	_____ FEET _____ INCHES _____ FEET _____ INCHES			

Drillers' Names _____

Remarks: Visit no surface casing run yet
4 45 foot deep at time of visit - Pit O.K.

12-27-82
DATE

Samuel M. Hersman
DISTRICT INSPECTOR

03/29/2024

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

RECEIVED

JAN 4 - 1983

OIL AND GAS DIVISION
WV DEPARTMENT OF MINES

INSPECTOR'S WELL REPORT

Permit No. 85-6070

Oil or Gas Well _____
(KIND)

Company <u>Leeco Inc.</u>	CASING AND TUBING	USED IN DRILLING	LEFT IN WELL	PACKERS
Address _____	Size			
Farm <u>Harvey K. Raymond Jr.</u>	16			Kind of Packer _____
Well No. <u>WK-170</u>	13			
District <u>Clay</u> County <u>Ritchie</u>	10			Size of _____
Drilling commenced <u>12-23-82</u>	8 1/4			
Drilling completed _____ Total depth _____	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 _____ feet _____ feet	NAME OF SERVICE COMPANY _____			
Salt water _____ feet _____ feet	COAL WAS ENCOUNTERED AT _____ FEET _____ INCHES			
	_____ FEET _____ INCHES _____ FEET _____ INCHES			
	_____ FEET _____ INCHES _____ FEET _____ INCHES			

Drillers' Names _____

Remarks: on 12-28-82 Ran 1317' foot of 8 5/8 casing
Halliburton ran 325 sacks cement
1924 foot deep at time of visit

12-29-82
DATE

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

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

RECEIVED

JAN 7 - 1983

OIL AND GAS DIVISION
WV DEPARTMENT OF MINES

INSPECTOR'S WELL REPORT

Permit No. 85-6070

Oil or Gas Well _____
(KIND)

Company Keeco Inc.
 Address _____
 Farm Harvey H. Haymond Jr.
 Well No. WK-170
 District Clay County Pitkin
 Drilling commenced 12-23-82
 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 5/8			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: Picked up small amount of salt water at 1675'
gas show at 4380' in Riley sand
5187 foot deep at time of visit

1-4-82 83
 DATE

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

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

RECEIVED

JUL 28 1983

Final
OIL & GAS DIVISION
INSPECTOR'S WELL REPORT DEPT. OF MINES

Permit No. 085 6070

Oil or Gas Well _____
(KIND)

Company Kepco INC.
 Address _____
 Farm H.K. Haymond Jr.
 Well No. WK 179
 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			Kind of Packer
16			
13			Size of
10			
8 1/4			Depth set
6 5/8			
5 3/16			Perf. top
3			Perf. bottom
2			Perf. top
Liners Used			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 R. Tapp 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

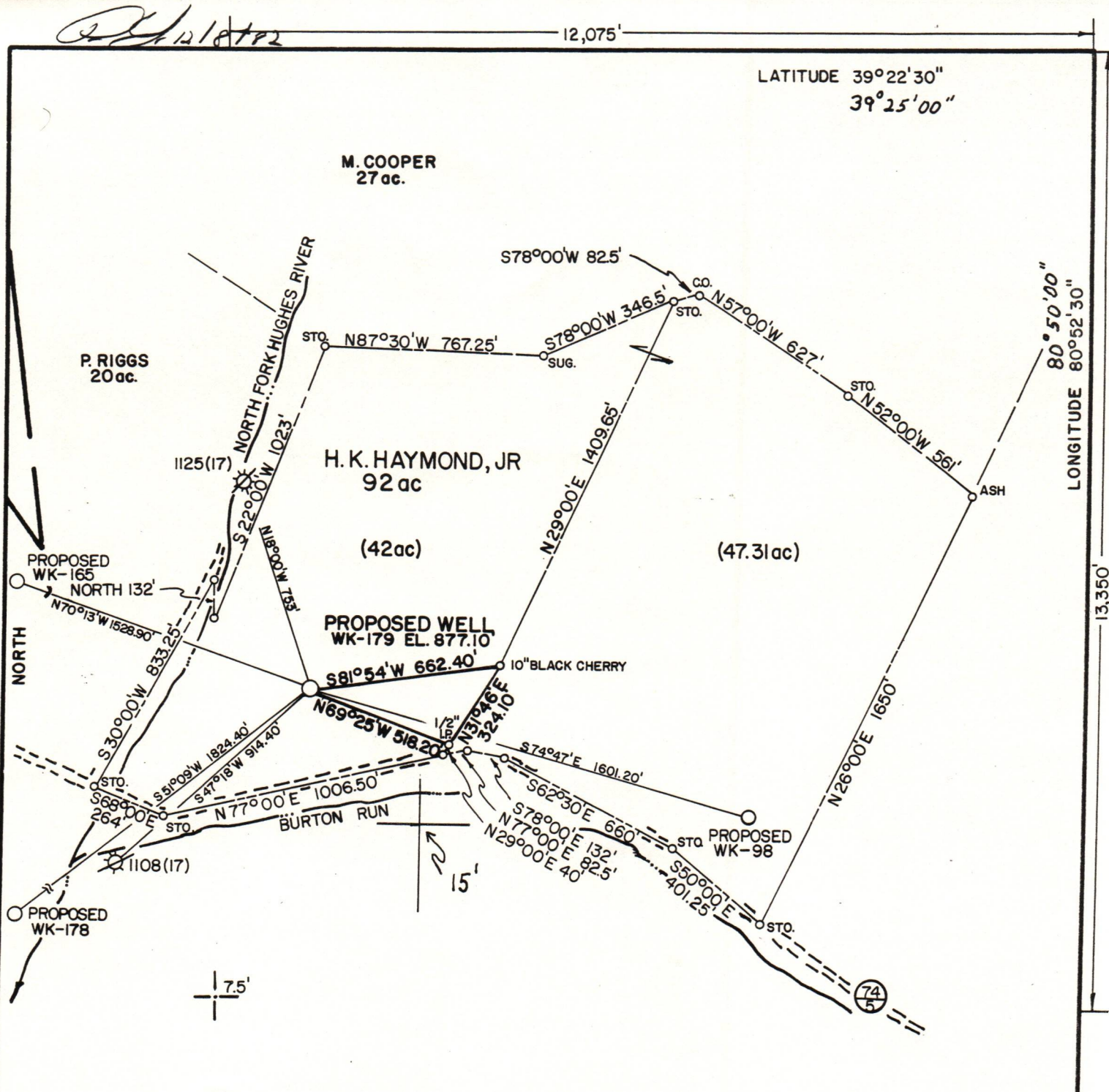
In accordance with Chapter 22, Article 4, Section 2, the above captioned wells will remain under bond coverage for "life of wells." Reclamation requirements have been approved.....

Very truly yours,

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

03/29/2024

MS/

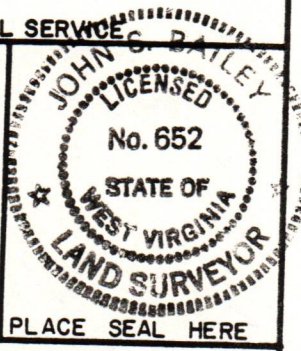


PREPARED BY
MOUNTAIN STATE ENVIRONMENTAL SERVICE

FILE NO. MSES 142
DRAWING NO. _____
SCALE 1"=500'
MINIMUM DEGREE OF ACCURACY 1 PART IN 200
PROVEN SOURCE OF ELEVATION B.M. COR. BRIDGE RT. 74
EL. 836.00

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
R.P.E. _____ L.L.S. 652



PLACE SEAL HERE

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



Department of Mines
Oil & Gas Division

DATE DECEMBER 1, 19 82
OPERATOR'S WELL NO. WK-179
API WELL NO. 47-085-6070
STATE WEST VIRGINIA COUNTY CLAY PERMIT 6070

03/29/2024

WELL TYPE: OIL _____ GAS X LIQUID INJECTION _____ WASTE DISPOSAL _____
(IF "GAS", PRODUCTION _____ STORAGE _____ DEEP _____ SHALLOW X)
LOCATION: ELEVATION 877.10 WATER SHED BURTON RUN
DISTRICT CLAY COUNTY RITCHIE
QUADRANGLE PENNSBORO 7.5 (1976)

SURFACE OWNER H.K. HAYMOND, JR ACREAGE 42
OIL & GAS ROYALTY OWNER H.K. HAYMOND, JR LEASE NO. _____ LEASE ACREAGE 92.0

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 5800'
WELL OPERATOR KEPCO, INC DESIGNATED AGENT KEPCO, INC. / E.L. STUART
ADDRESS 436 BLVD. OF THE ALLIES ADDRESS 436 BLVD. OF THE ALLIES / PO. BOX 1550
PITTSBURGH, PA. 15219 PITTSBURGH, PA. 15219 CLARKSBURG, WV. 26301