



1) Date: Feb. 3, 1983

2) Operator's Well No. Webber #1 WK-249

3) API Well No. 0147446 to 033 12890

State of West Virginia, Harrison County, Permit

DRILLING CONTRACTOR:

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

OIL AND GAS WELL PERMIT APPLICATION

4) WELL TYPE: A Oil / B (If "Gas", Production / Underground storage / Deep / Shallow)

5) LOCATION: Elevation: 1510' / Watershed: Kincheloe Creek / District: Union / County: Harrison / Quadrangle: Big Isaac

6) WELL OPERATOR: KEPCO, Inc. / Address: 436 Blvd. of the Allies, Pittsburgh, Pa. 15219 / 11) DESIGNATED AGENT: E.L. Stuart / Address: PO Box 1550, Clarksburg, W.Va. 26301

7) OIL & GAS ROYALTY OWNER: Gretchen P. Oiler, Agent / Address: 214 Stuart St., West Union, W.Va. 26458 / 12) COAL OPERATOR: [Blank] / Address: [Blank]

8) SURFACE OWNER: Clarence W. Mutschelknaus / Address: PO Box 351, Salem, W.Va. 26462 / 13) COAL OWNER(S) WITH DECLARATION ON RECORD: Willis O. Tetrick / Address: Union National Center West, Clarksburg, W.Va. 26301

9) FIELD SALE (IF MADE) TO: [Blank] / Address: [Blank] / 14) COAL LESSEE WITH DECLARATION ON RECORD: [Blank] / Address: [Blank]

10) OIL & GAS INSPECTOR TO BE NOTIFIED: Name: Stephen Lee Casey / Address: Jane Lew, W. Va. / MAR 1 1983

15) PROPOSED WORK: Drill / Drill deeper / Redrill / Fracture or stimulate / Plug off old formation / Perforate new formation / Other physical change in well (specify): Devonian Shale

16) GEOLOGICAL TARGET FORMATION: Devonian Shale

17) Estimated depth of completed well: 5500 ft. / 18) Approximate water strata depths: Fresh, 500 ft., salt, [Blank] feet. / 19) Approximate coal seam depths: 750 to 1445' / Is coal being mined in the area? Yes / No

20) CASING AND TUBING PROGRAM

CASING OR TUBING TYPE	SPECIFICATIONS				FOOTAGE INTERVALS		CEMENT FILLUP OR SACKS (Cubic feet)	SO. PACKERS	
	Size	Grade	Weight per ft.	New	Used	From			To
Conductor	13-16"				X	0	20'	To surface	Kind
Fresh water									
Coal	8-5/8"			X		1475'	1475'	To surface	Size NEAT
Intermediate									
Production	4 1/2"	10.5		X		5500'	5500'	cement to	Depth set
Tubing								300' above	pay zone
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 specifications.)

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

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: [Blank] / My Commission Expires: [Blank] / Signed: [Signature] / Operations Manager

OFFICE USE ONLY
DRILLING PERMIT

Permit number: 47-033-1111 / Date: November 26, 1983 / This permit covering the well operator and well location shown below is evidence of permission granted to [Blank] 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.

Bond: BB	Agent: [Signature]	Plat: [Signature]	Casing Fee: 191
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NOTE: - Keep one copy of this permit posted at the drilling location. / Administrator, Office of Oil and Gas

47.8 Acres oil and gas situate on the Waters^o of Kincheloe Creek,
Union District, Harrison County, West Virginia (L39)

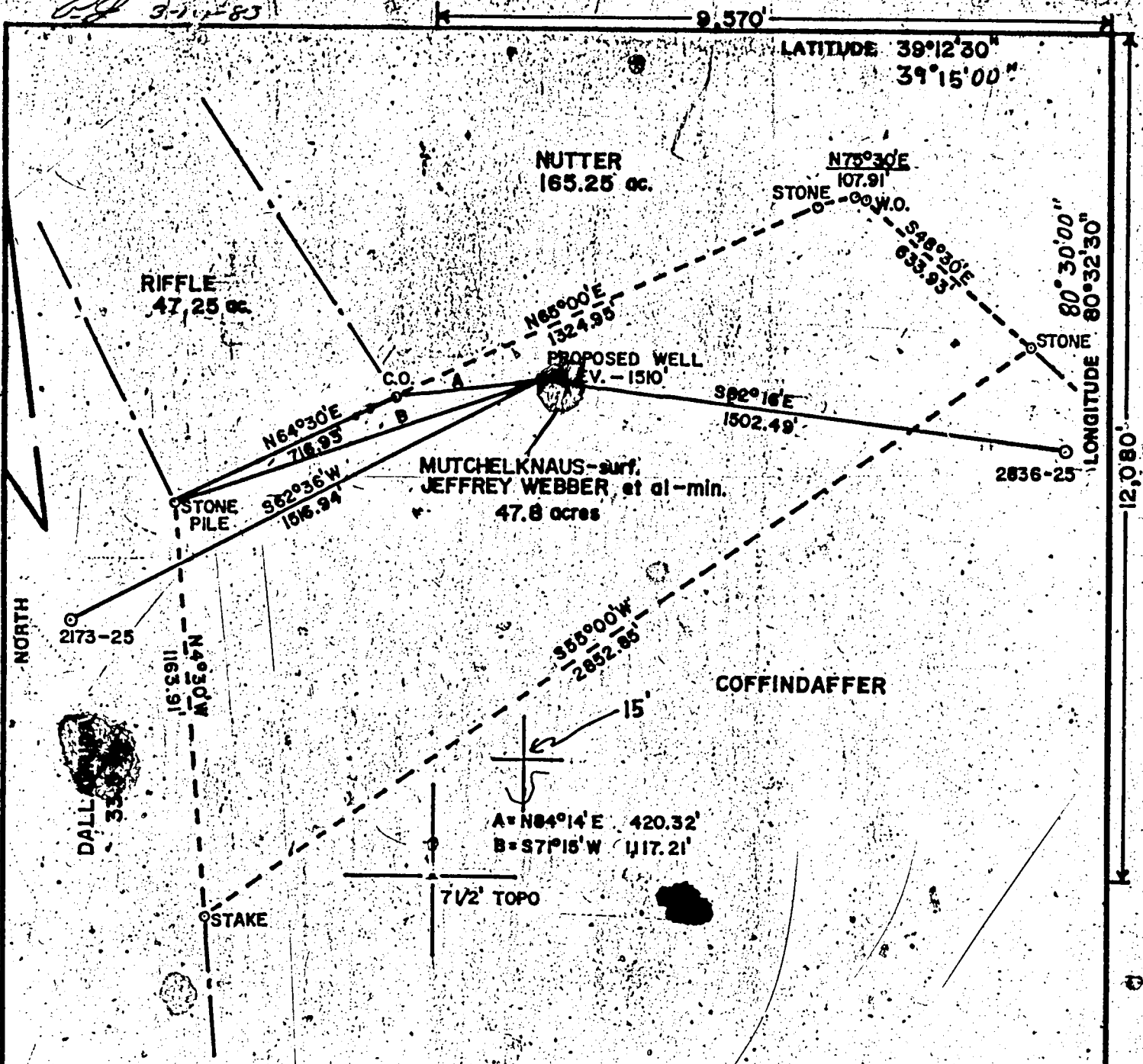
The right to extract, market and produce the oil and gas under
the subject tract, is by assignment dated the 10th day of January
1983, granted by Watkins & Watkins unto Kepeco, Inc. This agreement
is on record in the County Clerks Office of Harrison County
West Virginia in Book 1122, Page 350.

The royalty provision of the subject lease provides for the payment
of one eighth (1/8) of the proceeds of the sale of the oil and
gas produced.

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OIL AND GAS DIVISION
WV DEPARTMENT OF MINES



FILE NO. _____
 DRAWING NO. _____
 SCALE 1" = 400'
 MINIMUM DEGREE OF ACCURACY 1 in 200
 PROVEN SOURCE OF ELEVATION Jct. Rts. 25 & 49, 816
 ISAAC QUAD. - Elev. 985

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) [Signature]
 R.P.E. _____ L.L.S. 624

PLACE SEAL HERE

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



STATE OF WEST VIRGINIA
 DEPARTMENT OF MINES
 OIL AND GAS DIVISION

DATE JANUARY 28, 1983
 OPERATOR'S WELL NO. WEBBER #1
 API WELL NO. WK-249
47 - 033 - 2890
 STATE COUNTY PERMIT

WELL TYPE: OIL GAS LIQUID INJECTION WASTE DISPOSAL
 (IF "GAS,") PRODUCTION STORAGE DEEP SHALLOW
 LOCATION: ELEVATION 1510 WATER SHED KINCHELOE CREEK
 DISTRICT UNION COUNTY HARRISON
 QUADRANGLE BIG ISAAC
 SURFACE OWNER MUTCHELKNAUS ACREAGE 47.8
 OIL & GAS ROYALTY OWNER JEFFREY WEBBER LEASE ACREAGE 47.8
 LEASE NO. _____
 PROPOSED WORK: DRILL 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 5500'
 WELL OPERATOR KEPCO, INC. DESIGNATED AGENT E.L. STUART
 ADDRESS 436 BOULEVARD OF THE ALLIES ADDRESS P.O. BOX 1550
PITTSBURGH, PA. 15219 CLARKSBURG, W.VA. 26301

HARR. 2890



DATE JANUARY 28 1983
WELL NO. WEBER #1 WVI-249
API NO. 047-033-2890

State of West Virginia
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 B.L. STUART
Address PO BOX 1550
Telephone CLARKSBURG, W VA 26301

LANDOWNER W. MUTEHELKNAUSE
Revegetation to be carried out by KEPCO INC. (Agent)

SOIL CONS. DISTRICT WEST FORK

This plan has been reviewed by West Fork SCD. All corrections and additions become a part of this plan: 2/7/83 (Date)
Lenneth Knight (SCD Agent)

ACCESS ROAD	LOCATION
Structure <u>CULVERTS</u> (A) (according to Oil & Gas Manual) Spacing <u>MIN. SIZE - 12" ID</u> Page Ref. Manual <u>2-7</u>	Structure <u>DIVERSION DITCH</u> (1) Material <u>EARTHEN</u> Page Ref. Manual <u>2-12</u>
Structure <u>DRAINAGE DITCH</u> (B) Spacing <u>along side of access road</u> Page Ref. Manual <u>2-12</u>	Structure <u>ROCK Riprap</u> (2) Material <u>RIPPRAP Rock</u> Page Ref. Manual <u>N/A</u>
Structure <u>DITCH RELIEF CROSS DR.</u> (C) Spacing <u>SEE SKETCH</u> Page Ref. Manual <u>2-1</u>	Structure _____ Material _____ Page Ref. Manual _____

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WV DEPARTMENT 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 THREE (3) Tons/acre
or correct to pH 6.5

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

Mulch HAY - 2 Tons/acre

Seed* Ky 31 - 30 lbs/acre
PER RYE - 20 lbs/acre
RED TOP - 10 lbs/acre

Treatment Area II

*Lime THREE (3) Tons/acre
or correct to pH 6.5

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

Mulch HAY - 2 Tons/acre

Seed* Ky 31 - 30 lbs/acre
PER RYE - 20 lbs/acre
RED TOP - 10 lbs/acre

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

*Lime according to pH test. PLAN PREPARED BY NORTON SURVEYS + CONSULTING INC.

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

ADDRESS 207 C S. KANAWHA ST.
BUCKHANNON, W. VA. 26201
PHONE NO. (304) 472-9467

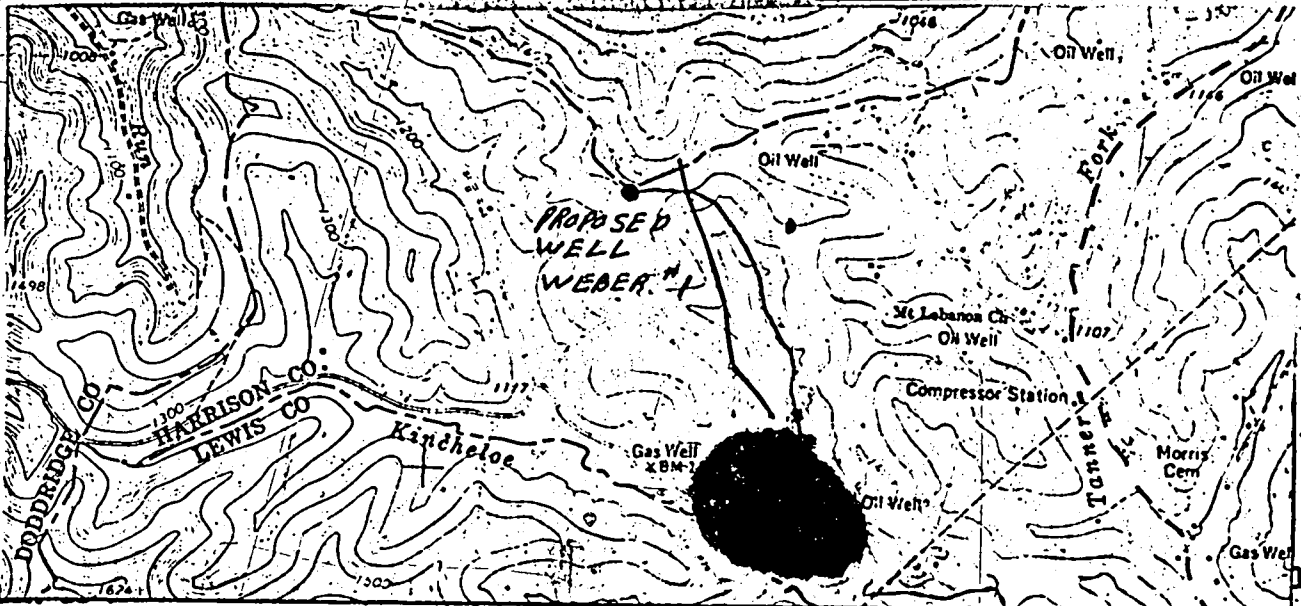
IV-9 REVERSE
(REV 6-81)

ATTACH OR PHOTOCOPY SECTION OF
INVOLVED TOPOGRAPHIC MAP.
QUADRANGLE BIG TSAAC

LEGEND

Well Site ⊕

Access Road ———



Sketch drilling pits and necessary structures numbered or lettered in first part of this plan. Include all natural drainage.

LEGEND

Property boundary ———	Diversion ———
Road = = = = =	Spring ⊙ →
Existing fence — X — X —	Wet spot ⊕
Planned fence — / — / —	Building ■
Stream ~ ~ ~ ~ ~	Drain pipe — ○ — ○ — ○ —
Open ditch — ···· — ···· — ···· —	Waterway ⊂ ⊃ ⊄ ⊅

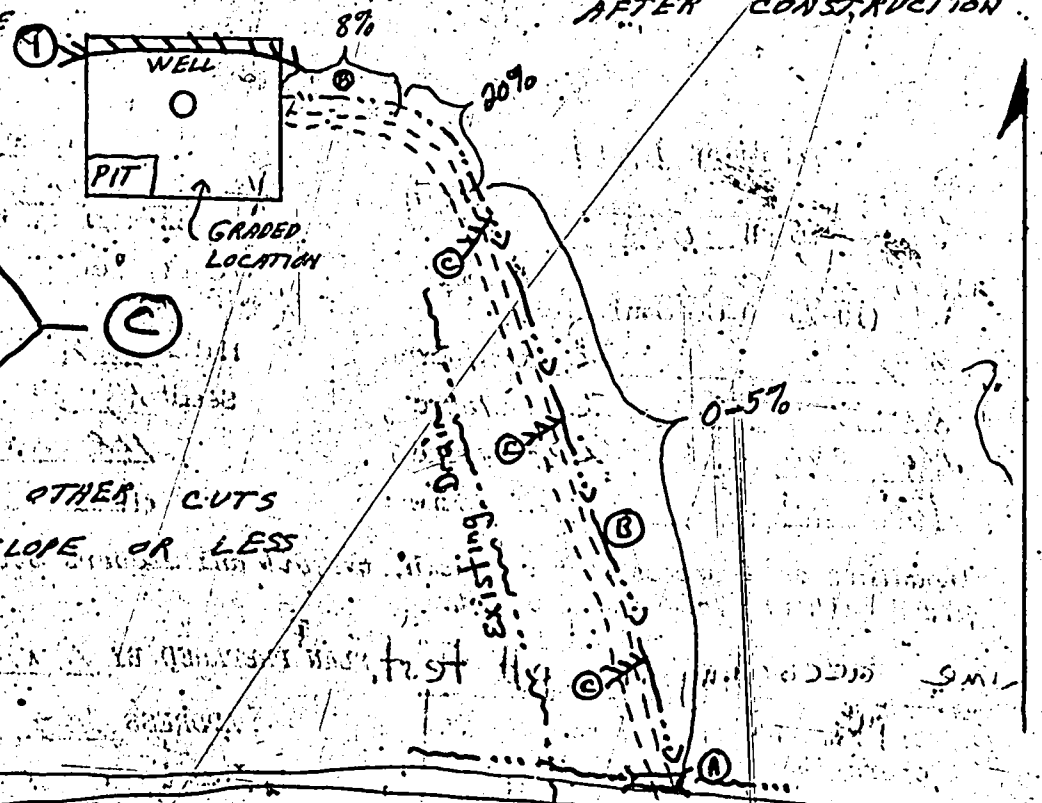
GRADED LOCATION IS IN WOODS
GRADED LOCATION NOT TO SCALE
ACCESS RD TO SCALE
1" = 1000'

ALL ROADS, DITCHES,
AND CULVERTS TO
BE MAINTAINED
AFTER CONSTRUCTION

DITCH RELIEF CROSS
DRAIN SPACING

0-5% — 135' apart
8% — 105' apart
20% — 45' apart

ALL ROAD BANKS + OTHER CUTS
TO BE ON 2:1 SLOPE OR LESS



IV-35
(Rev 8-81)

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State of West Virginia
Department of Mines
Oil and Gas Division

Date July 25, 1983
Operator's Well No. WK-249
Farm Webber
API No. 47 - 033 - 2890

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: 1510' Watershed Kincheloe Creek
District: Union County Harrison Quadrangle Big Isaac

COMPANY Kepeco, 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 Clarence W. Mutschelknaus

ADDRESS P.O. Box 351
Salem, WV 26462

MINERAL RIGHTS OWNER Gretchen P. Oyler, Agent

ADDRESS 214 Stuart St.
West Union, WV 26458

OIL AND GAS INSPECTOR FOR THIS WORK Stephen

Lee Casey ADDRESS Jane Lew, WV

PERMIT ISSUED March 26, 1983

DRILLING COMMENCED June 17, 1983

DRILLING COMPLETED June 25, 1983

IF APPLICABLE: PLUGGING OF DRY HOLE ON
CONTINUOUS PROGRESSION FROM DRILLING OR
REWORKING. VERBAL PERMISSION OBTAINED
ON _____

Casing Tubing Size Cord.	Used in Drilling	Left in Well	Cement fill up Cu. ft.
20-16			
13-10"	30'	30'	10 sks
9 5/8			
8 5/8	1612'	1612'	410 sks Class "A"
7			
5 1/2			
4 1/2	5337'	5337'	390 sks 50/50 Pozmix
3			
2			
Liners used			

GEOLOGICAL TARGET FORMATION Benson Depth 5267 feet

Depth of completed well 5831 feet Rotary / Cable Tools _____

Water strata depth: Fresh feet; Salt 1737 feet

Coal seam depths: 990 Is coal being mined in the area? No

OPEN FLOW DATA

Producing formation Benson-Riley; Balltown Pay zone depth 5128'; 3962' feet

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

Final open flow 119 Mcf/d Final open flow 30 Bbl/d

Time of open flow between initial and final tests 8 hours

Static rock pressure 1100 psig (surface measurement) after 48 hours shut in

(If applicable due to multiple completion)

Second producing formation _____ Pay zone depth _____ feet

Gas: Initial open flow _____ Mcf/d Oil: Initial open flow _____ Bbl/d

Final open flow _____ Mcf/d Oil: Final open flow _____ Bbl/d

Time of open flow between initial and final tests _____ hours

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

HARR. 2890

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

Perfs: 5267'-5271' 13 holes Avg. press. 2500 psi; Avg. rate 25 BPM
 5128'-5132' 9 holes
 4246'-4256' 8 holes
 4126'-4136' 21 holes Avg. press. 2300 psi; Avg. rate 36 BPM
 3962'-3967' 11 holes

Fractured 7/7/83 Halliburton
 2 stage frac job
 Stage 1 30,000 lbs.
 Stage 2 30,000 lbs.

KCl, 15-N, HC-2, GBW-3, 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
Soil			0'	10'	
Sand			10'	27'	
Sand and shale			27'	44'	
Sand			44'	175'	
Red rock			175'	190'	
Sand and shale			190'	245'	
Red rock and shale			245'	260'	
Sand			260'	290'	
Red rock and shale			290'	305'	
Sand and shale			305'	340'	
Sand			340'	410'	
Sand and shale			410'	625'	
Sand			625'	650'	
Sand and shale			650'	680'	
Sand			680'	710'	
Sand and shale			710'	990'	
Coal			990'	995'	
Sand and shale			995'	1025'	
Sand			1025'	1147'	
Sand and shale			1147'	1705'	
Sand			1705'	1740'	
Sand and shale			1740'	2408'	Salt water @ 1737'
Big Lime			2408'	2457'	
Big Injun			2460'	2556'	
Weir			2772'	2778'	
Gordon			2980'	2993'	
5th			3086'	3106'	
Speechley			3964'	3697'	
Baldtown			3967'	3980'	
Benson			5273'	5280'	
Shale			5280'	5831'	
TD				5831'	

(Attach separate sheets as necessary)

KEPCO, INC.

Well Operator

By: *Bryan J. Wolcott*

Manager,
Drilling & Production

Date: July 25, 1983

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

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

OIL & GAS DIVISION
DEPT. OF MINES

INSPECTOR'S WELL REPORT

Permit No. 33-2890

Oil or Gas Well
(KIND)

Company Kepeco
 Address _____
 Farm Webber
 Well No. 1 wt 249
 District Union County Harrison
 Drilling commenced 6-17-83
 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 1737 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 3/4			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 990 FEET 60 INCHES
 _____ FEET _____ INCHES FEET _____ INCHES
 _____ FEET _____ INCHES FEET _____ INCHES

Drillers' Names SWJ 22

Remarks: 8 5/8 at 1617' 410 SKS, Halliburton
4 1/2 at 2130'

6-24-83
DATE

Steve Casey
DISTRICT WELL INSPECTOR

Drillers' Names SWJ 22

Remarks: 4 1/2 at 5337' 390 SKS, Halliburton

6-26-83
DATE

Steve Casey
DISTRICT WELL INSPECTOR

Date: December 9, 1983

Operator's Well No. WK-249

API Well No. 47 - 033 - 2890
State County Permit

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

WELL OPERATOR'S REPORT
OF
INITIAL GAS-OIL RATIO TEST

WELL OPERATOR Keeco, Inc.
Address 436 Boulevard of the Allies
Pittsburgh, PA 15219

DESIGNATED AGENT E. L. Stuart
Address P.O. Box 1550
Clarksburg, WV 26301

GEOLOGICAL TARGET FORMATION: Benson Depth 5267 feet
Perforation Interval 5267 - 5271 feet

GUIDELINES FOR TESTING:

- 1- A minimum of gas vented or flared
- 2- A 24 hour preflow into pipelines or tanks
- 3- Uniform producing rate during the 24 hour test per test period
- 4- Measurement standards as for Form IV-39, "Report of Annual Production" (see Regulation 21.01)
- 5- Separate Form IV-36 for each producing formation in a multiple completion

TEST DATA				
START OF TEST-DATE <u>7-20-83</u>	TIME <u>10:00 AM</u>	END OF TEST-DATE <u>7-20-83</u>	TIME <u>3:30 PM</u>	DURATION OF TEST <u>5 1/2 hours</u>
TUBING PRESSURE	CASING PRESSURE	SEPARATOR PRESSURE	SEPARATOR TEMPERATURE	
OIL PRODUCTION DURING TEST bbls.	GAS PRODUCTION DURING TEST Mcf	WATER PRODUCTION DURING TEST & SALINITY		
OIL GRAVITY	PRODUCING METHOD (Flowing, pumping, gas lift, etc.)			

MEASUREMENT METHOD			GAS PRODUCTION	
FLANGE TAP <input type="checkbox"/>	PIPE TAP <input checked="" type="checkbox"/>	L-10 <input type="checkbox"/>	POSITIVE CHOKE - CRITICAL FLOW <input type="checkbox"/>	
ORIFICE DIAMETER	PIPE DIAMETER (INSIDE DIAM.)		NOMINAL CHOKE SIZE - IN.	
DIFFERENTIAL PRESSURE RANGE	MAX. STATIC PRESSURE RANGE		PROVER & ORIFICE DIA. - IN.	
DIFFERENTIAL	STATIC		GAS GRAVITY (AIR=1.0)	
GAS GRAVITY (AIR=1.0)	FLOWING TEMPERATURE		MEASURED ESTIMATED	
24 HOUR COEFFICIENT			GAS TEMPERATURE °F	
			24 HOUR COEFFICIENT	
			PRESSURE / - <u>1050</u> psia	

TEST RESULTS				
DAILY OIL <u>30</u> bbls.	DAILY WATER <u>0</u> bbls.	DAILY GAS <u>119</u> Mcf.	GAS-OIL RATIO <u>4000</u> SCF/STE	

Keeco, Inc.
Well Operator

By: _____
Its: Vice President

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DEPT. OF MINES

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

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OIL & GAS DIVISION

INSPECTOR'S WELL REPORT DEPT. OF MINES

Permit No. 33-2890

Oil or Gas Well _____
(KIND)

Company Keeco

Address _____

Farm Webber

Well No Webber 1 WK 219

District Union County Harrison

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 1/2			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: no reclaim. work done hauling in stone to set pumping jack on road fore up

11-18-83
DATE

Steve Casper
DISTRICT WELL INSPECTOR



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

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MAY 16 1985
OIL & GAS DIVISION
DEPT. OF MINES

FINAL INSPECTION REPORT
INSPECTORS COMPLIANCE REPORT
December 28, 1983

COMPANY Kepeco, Inc.
436 Boulevard of the Allies
Pittsburgh, Pennsylvania 15219

PERMIT NO. 033-2890
FARM & WELL NO Webber, WK-249
DIST. & COUNTY Union/Harrison

RULE	DESCRIPTION	IN COMPLIANCE	
		YES	NO
23.06	Notification Prior to Starting Work	<input checked="" type="checkbox"/>	<input type="checkbox"/>
25.04	Prepared before Drilling to Prevent Waste	<input type="checkbox"/>	<input type="checkbox"/>
25.03	High-Pressure Drilling	<input type="checkbox"/>	<input type="checkbox"/>
16.01	Required Permits at Wellsite	<input type="checkbox"/>	<input type="checkbox"/>
15.03	Adequate Fresh Water Casing	<input type="checkbox"/>	<input type="checkbox"/>
15.02	Adequate Coal Casing	<input type="checkbox"/>	<input type="checkbox"/>
15.01	Adequate Production Casing	<input type="checkbox"/>	<input type="checkbox"/>
15.04	Adequate Cement Strenght.	<input type="checkbox"/>	<input type="checkbox"/>
15.05	Cement Type	<input type="checkbox"/>	<input type="checkbox"/>
23.02	Maintained Access Roads	<input type="checkbox"/>	<input type="checkbox"/>
25.01	Necessary Equipment to Prevent Waste	<input type="checkbox"/>	<input type="checkbox"/>
23.04	Reclaimed Drilling Pits	<input type="checkbox"/>	<input type="checkbox"/>
23.05	No Surface or Underground Pollution	<input type="checkbox"/>	<input type="checkbox"/>
23.07	Requirements for Production & Gathering Pipelines	<input type="checkbox"/>	<input type="checkbox"/>
16.01	Well Records on Site	<input type="checkbox"/>	<input type="checkbox"/>
16.02	Well Records Filed	<input type="checkbox"/>	<input type="checkbox"/>
7.05	Identification Markings	<input type="checkbox"/>	<input type="checkbox"/>

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

SIGNED Steve Casady
DATE 5-15-85

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-Oil & Gas Division

May 20, 1985
DATE

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

C-1

API well number: (If not assigned, leave blank. 14 digits.) 47-033-2890

Type of determination being sought: (Use the codes found on the front of this form.) 107
 Section of NGPA: 107 Category Code: 107

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 MAR 21 1986

Depth of the deepest completion location: (Only needed if sections 103 or 107 are above.) 5267

Name, address and code number of applicant: (35 letters per line maximum. If code number not available, leave blank.)
Kepeco Resources, Inc. Seller Code

Name 436 Boulevard of the Allies
 Street Pittsburgh PA 15219
 City State Zip Code

0 Location of this well: (Complete (a) or (b).)

(a) For onshore wells (35 letters maximum for field name.)
 Union District Union District
 Field Name Harrison WV
 County 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.)
Webber #1 (WK-249)

(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.)
Texas Eastern Transmission Corp. 018728
 Name Buyer Code

(b) Date of the contract: 01 9 01 82
 Mo. Day Yr.

(c) Estimated total annual production from the well: 12 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>D E R E G</u>
8.0 Maximum lawful rate: (As of filing date. Complete to 3 decimal places.)	S/MMBTU	<u>D E R E G</u>		<u>D E R E G</u>

9.0 Person responsible for this application:
B. L. Wolcott Operations Manager
 Name Title
 Signature B. L. Wolcott
 Date Application is Completed 3-17-86 Phone Number (412) 391-7760

Agency Use Only
 Date Received by Juris. Agency MAR 21 1986
 Date Received by FERC

APR 15 1986

COVER SHEET, STATE APPLICATION FOR WELL CLASSIFICATION

Date: 3-17-86, 1986 25900

AGENCY USE ONLY

Applicant's Name: Kepeco Resources, Inc.
Address: 436 Blvd. of the Allies
Pittsburgh, PA 15219

WELL DETERMINATION FILE NUMBER
860321-1076-033-2890
Use Above File Number on all
Communications Relating to This Well

Gas Purchaser Contract No. AGOR 501
Date of Contract 9-1-82
(Month, day and year)

Designated Agent: Alden Morris
Address: Route 1, Box 126
Bristol, WV 26332

First Purchaser: Texas Eastern Transmission Corp.
Address: P. O. Box 2521
(Street or P.O. Box)
Houston, Texas 77252
(City) (State) (Zip Code)

FERC Seller Code 039431 FERC Buyer Code 018728

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

(Certificate of Proof of Service to Purchaser)

NGPA Category Applied For

NGPA SECTION/SUBSECTION

- | | |
|---|---|
| <input type="checkbox"/> 102 New Natural Gas | <input type="checkbox"/> 108 Stripper Well Natural Gas |
| <input type="checkbox"/> 102-2 2.5 Mile Test | <input type="checkbox"/> 108- Stripper Well |
| <input type="checkbox"/> 102-3 1000 Foot Deeper Test | <input type="checkbox"/> 108-1 Seasonally Affected |
| <input type="checkbox"/> 102-4 New Onshore Reservoir | <input type="checkbox"/> 108-2 Enhanced Recovery |
| <input type="checkbox"/> 103 New Onshore Production Well | <input type="checkbox"/> 108-3 Temporary Pressure Buildup |
| <input type="checkbox"/> 103 New Onshore Production Well | |
| <input type="checkbox"/> 107 High Cost Natural Gas | |
| <input type="checkbox"/> 107-0 Deep (more than 15,000 feet) | |
| <input type="checkbox"/> 107-1 Geopressured Brine | |
| <input type="checkbox"/> 107-2 Coal Seams | |
| <input type="checkbox"/> 107-3 Devonian Shale | |
| <input type="checkbox"/> 107-4 Production enhancement | |
| <input checked="" type="checkbox"/> 107-5 New Tight Formation | |
| <input type="checkbox"/> 107-7 Recompletion, Tight Formation | |

AGENCY USE ONLY

Big Isaac
Riley-Brown
QUALIFIED

RECEIVED
MAR 21 1986

DIVISION OF OIL & GAS
DEPARTMENT OF ENERGY

Date Received

Determination Date

WELL CLASSIFICATION FORM
HIGH COST GAS WELL-NEW TIGHT FORMATION

CGA Section 107

DESIGNATED AGENT Alden Morris

ADDRESS Route 1, Box 126

Bristol, WV 26332

LOCATION Elevation 1510'

Watershed Kincheloe Creek

Dist. Union County Harrison Quad Big Isaac

WELL OPERATOR Kepeco Resources, Inc.

ADDRESS 436 Boulevard of the Allies

Pittsburgh, PA 15219

GAS PURCHASER Texas Eastern Transmission Corp.

ADDRESS P. O. Box 252

Houston, Texas 77252

Gas Purchase Contract No. _____

Meter Chart Code N/A

Date of Contract 9-1-82

Date surface drilling began June 17, 1983

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

$BHP = P_1 + P_1 (e^X - 1) + H(0.6)(0.433)$

$T = 563^{\circ}R$

$P_1 = 1100$

$e = 2.71828$

$X = \frac{G(L-H)}{53.34T} = 0.0834$

$H = 629$, assuming 10 Bbls oil inside casing

$G = 0.54$

$BHP = 1359$ psig

$L = 5267$

AFFIDAVIT

I, B. L. Wolcott, having been first sworn according to law, state that, surface drilling of the well for which this determination is sought was begun on or after July 16, 1979, the gas is produced from a designated tight formation and I have no knowledge of any information not described in the application which is inconsistent with a conclusion that the well qualifies as a high cost natural gas well.

B. L. Wolcott
Operations Manager

COMMONWEALTH OF PENNSYLVANIA

COUNTY OF ALLEGHENY TO WIT:

I, DEBORAH A. MEYERS 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 17th day of MARCH, 1986, has acknowledged the same before me, in my county aforesaid.

Given under my hand and official seal this 17th day of MARCH, 1986.
My term of office expires on the 14th day of August, 1989.

Deborah A. Meyers
Notary Public

NOTARIAL SEAL:

DEBORAH A. MEYERS, NOTARY PUBLIC
PITTSBURGH, ALLEGHENY COUNTY
MY COMMISSION EXPIRES AUG. 14, 1989
Member, Pennsylvania Association of Notaries

