

PREPARED BY MOUNTAIN STATE ENVIRONMENTAL SERVICE

FILE NO. MSES - 101

DRAWING NO. _____

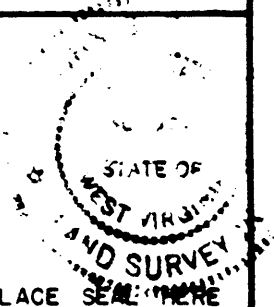
SCALE 1"=1000'

MINIMUM DEGREE OF ACCURACY 1 PART IN 200

PROVEN SOURCE OF ELEVATION USGS DISC. SOUTH END OF BRIDGE ABT. EL. 709

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 L. Bailey
P.E. _____ L.L.S. 652



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

FORM IV-6
(8-78)



DATE AUGUST 26, 19 82
OPERATOR'S WELL NO. WK 160
API WELL NO. _____
47 - 095 - 1007
STATE COUNTY PERMIT

Department of Mines
Oil & Gas Division

CANCELLED

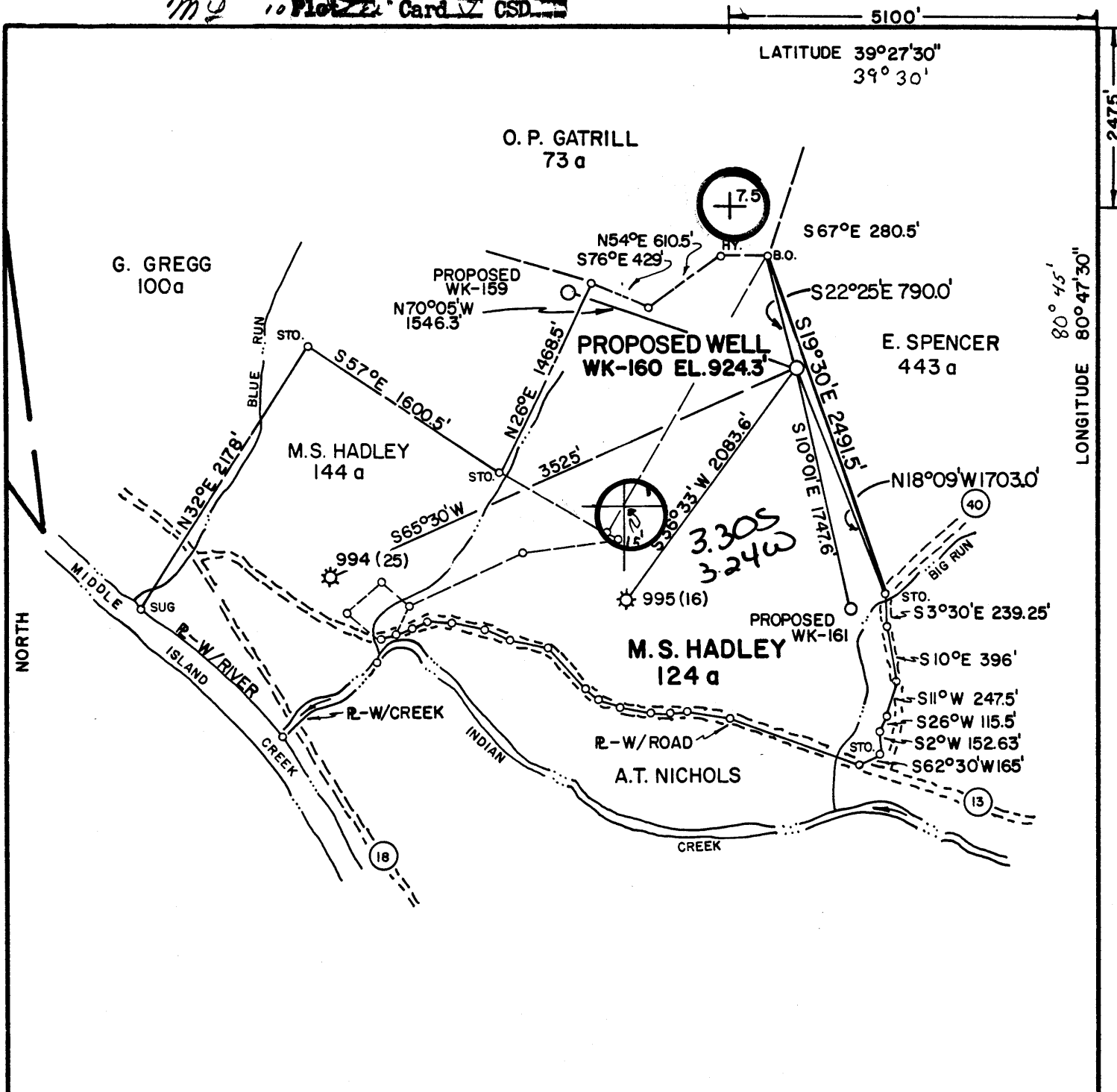
WELL TYPE: OIL _____ GAS X LIQUID INJECTION _____ WASTE DISPOSAL _____
(IF "GAS", PRODUCTION _____ STORAGE _____ DEEP _____ SHALLOW X)
LOCATION: ELEVATION 924.3' WATER SHED BIG RUN
DISTRICT McELROY COUNTY TYLER
QUADRANGLE SHIRLEY 7.5 (1976)

SURFACE OWNER MAURINE S. HADLEY ACREAGE 129.99
OIL & GAS ROYALTY OWNER MAURINE S. HADLEY 1/2 BOTHERS LEASE ACREAGE 124
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 ELK ESTIMATED DEPTH 5700'
WELL OPERATOR KEPCO, INC DESIGNATED AGENT EL STUART
ADDRESS 436 BLVD OF THE ALLIES ADDRESS P.O. BOX 1550
PITTSBURGH, PA. 15219 CLARKSBURG, W.V. 26301

TYLER - 1007



PREPARED BY MOUNTAIN STATE ENVIRONMENTAL SERVICE

<p>FILE NO. <u>MSES-101</u> DRAWING NO. _____ SCALE <u>1"=1000'</u> MINIMUM DEGREE OF ACCURACY <u>1 PART IN 200</u> PROVEN SOURCE OF ELEVATION <u>USGS DISC. SOUTH END OF BRIDGE ABT. EL 709</u></p>	<p>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) <u>John J. Bailey</u> R.P.E. _____ L.L.S. <u>652</u></p>	<p>STATE OF WEST VIRGINIA LAND SURVEY PLACE SEAL HERE</p>
--	---	---

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

DATE AUGUST 26, 19 82
 OPERATOR'S WELL NO. WK 160
 API WELL NO. 47-095-1007
 STATE COUNTY PERMIT

Department of Mines
 Oil & Gas Division

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

LOCATION: ELEVATION 924.3' WATER SHED BIG RUN
 DISTRICT Mc ELROY COUNTY TYLER
 QUADRANGLE SHIRLEY 7.5 (1976) West Union 15' NE

SURFACE OWNER MAURINE S. HADLEY ACREAGE 129.99
 OIL & GAS ROYALTY OWNER MAURINE S. HADLEY 1/2 & OTHERS LEASE ACREAGE 124
 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 ELK ESTIMATED DEPTH 5700' OCT 18 1982
 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



Date: August 26, 19 82

Operator's Well No. WK-160

API Well No. 47 - 095 1007

State County Permit

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

WELL TYPE: Oil _____ / Gas X /
(If "Gas", Production X / Underground storage _____ / Deep _____ / Shallow X /)

LOCATION: Elevation: 924.3 Watershed: Big Run
District: McElroy County: Tyler Quadrangle: Shirley 7.5 min.

WELL OPERATOR KEPCO, Inc.

DESIGNATED AGENT KEPCO, Inc.

Address 436 Blvd. of the Allies
Pittsburgh, PA 15219

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

OIL & GAS ROYALTY OWNER Maurine S. Hadley and

COAL OPERATOR _____

Address Betty Lou Robinson, Agent for others
Middlebourne, WV 26149

Address _____

Acreage 124.0

COAL OWNER(S) WITH DECLARATION ON RECORD:

SURFACE OWNER Maurine S. Hadley

Name Maurine S. Hadley

Address Middlebourne, WV 26149

Address Middlebourne, WV 26149

Acreage 129.99

Name _____

FIELD SALE (IF MADE) TO:

Address _____

Address Unknown at this time

COAL LESSEE WITH DECLARATION ON RECORD:

OIL & GAS INSPECTOR TO BE NOTIFIED

Name _____

Name Phillip Tracy

Address _____

Address Rt. 23

Alma, WV 26320

The undersigned well operator is entitled to operate for oil or gas purposes at the above location under a deed X / lease _____ other contract _____ / dated April 10, 19 81, to the undersigned well operator from Philadelphia Oil Company

(If said deed, lease, or other contract has been recorded:)

Recorded on April, 19 81, in the office of the Clerk of the County Commission of Tyler County, West Va., in Deed Book 226 at page 380: A permit is requested as follows:

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

—planned as shown on the work order on the reverse side hereof.

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.

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.

PLEASE SUBMIT COPIES OF ALL GEOPHYSICAL LOGS DIRECTLY TO:

WEST VIRGINIA OIL AND GAS CONSERVATION COMMISSION
1615 WASHINGTON STREET EAST
CHARLESTON, WV 25311

TELEPHONE: (304) 348-3092

RECEIVED

OCT 08 1982

OIL & GAS DIVISION
DEPT. OF MINES

BLANKET BOND

KEPCO, Inc.

Well Operator

By [Signature]
Its Operations Manager

PROPOSED WORK ORDER

(12-81)

THIS IS AN ESTIMATE ONLY:
ACTUAL INFORMATION MUST BE SUBMITTED ON FORM IV-35 UPON COMPLETION

DRILLING CONTRACTOR (IF KNOWN) Unknown at this time

Address _____

GEOLOGICAL TARGET FORMATION, Elk

Estimated depth of completed well, 5700 feet Rotary X / Cable tools _____ /

Approximate water strata depths: Fresh, 133 feet; salt, 2153 feet.

Approximate coal seam depths: 503' and 703' Is coal being mined in the area? Yes _____ / No X /

CASING AND TUBING PROGRAM

CASING OR TUBING TYPE	SPECIFICATIONS			New	Used	FOOTAGE INTERVALS		CEMENT FILL-UP OR SACKS (Cubic feet)	PACKERS	
	Size	Grade	Weight per ft			For drilling	Left in well		Kinds	Sizes
Conductor	11-3/4"	H-40	42#		X	30	30			
Fresh Water										
Coal										
Intermediate	8-5/8"	J-55	23#	X		1300	1300	Circulate		
Production	4-1/2"	J-55	10.5#	X			5600	450 Sks	Depths set	Required
Tubing								by Rule	15-01	
Liners									Perforations:	
									Top	Bottom

NOTE: 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.

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.

THIS PERMIT MUST BE POSTED AT THE WELL SITE.
ALL PROVISIONS BEING IN ACCORDANCE WITH CHAPTER 22,
ARTICLE 4 OF THE W. VA. CODE, THE LOCATION IS HEREBY
APPROVED FOR drilling. THIS PERMIT SHALL EXPIRE
IF OPERATIONS HAVE NOT COMMENCED BY 6-12-83
BY [Signature]

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 X / 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: September 9, 19 82

By Maurine S. Hadley
Its Owner