

27711-4-11-85

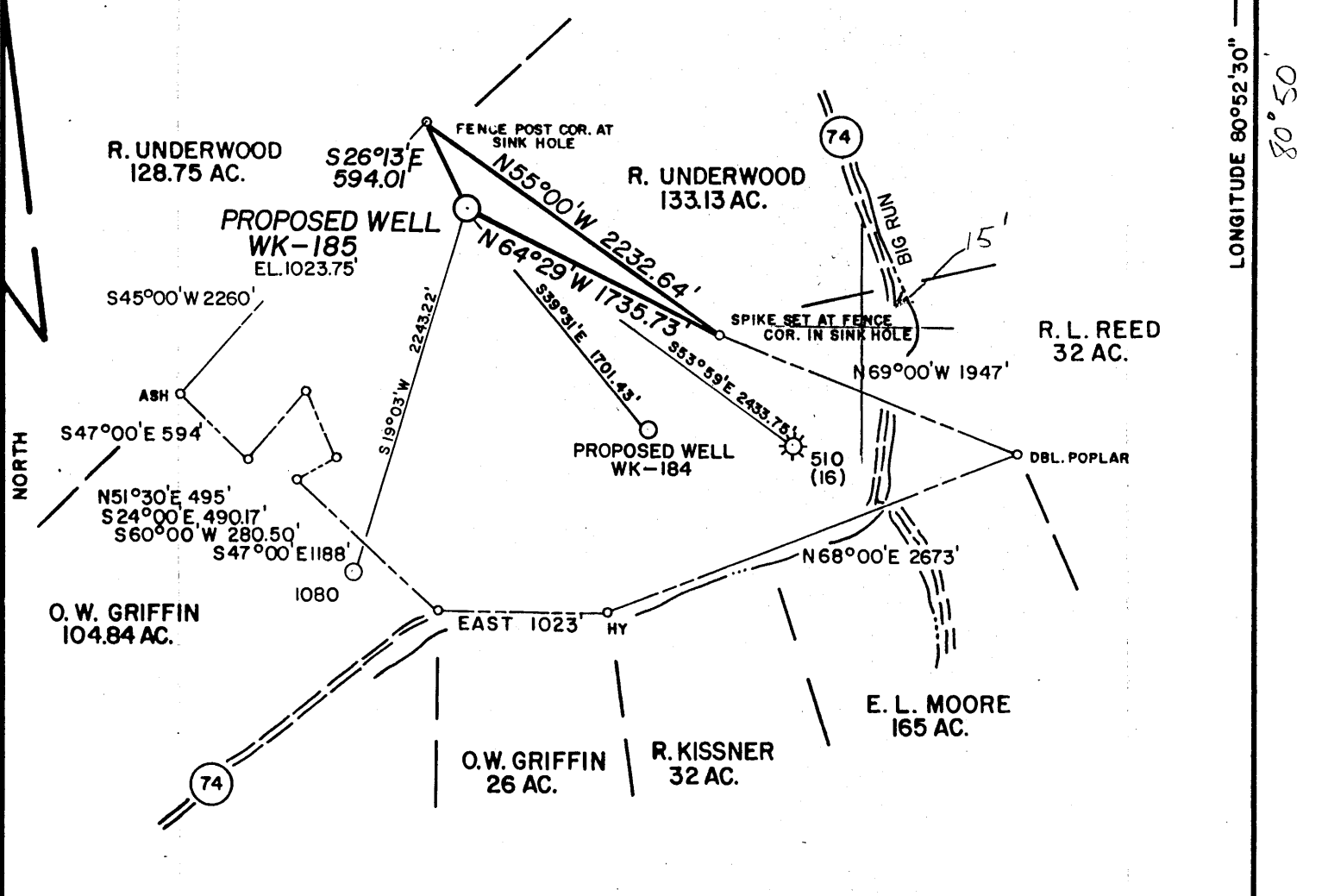
39°25' 225'

LATITUDE 39°22'30"

7.5'

LONGITUDE 80°52'30"

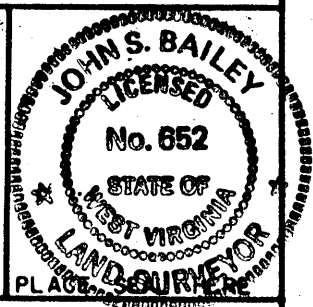
05°08'



WELL REFERENCE TIES
 WK-185 TO 8" RED MAPLE N70°12'W 166.54'
 WK-185 TO 10" BLACK CHERRY N84°18'W 198.81'

FILE NO. MSES 85-612
 DRAWN BY _____
 SCALE 1"=1000'
 MINIMUM DEGREE OF ACCURACY 1 PART IN 200
 PROVEN SOURCE OF ELEVATION B.M. EL. 782' NORTHEAST OF LOCATION

I THE UNDERSIGNED, HEREBY CERTIFY THAT THIS PLAT IS CORRECT TO THE BEST OF MY KNOWLEDGE AND BELIEF AND SHOWS ALL THE INFORMATION REQUIRED BY LAW AND THE REGULATIONS ISSUED AND PRESCRIBED BY THE DEPARTMENT OF MINES.
 (SIGNED) John S. Bailey
 R. P. E. _____ L. L. S. 652



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



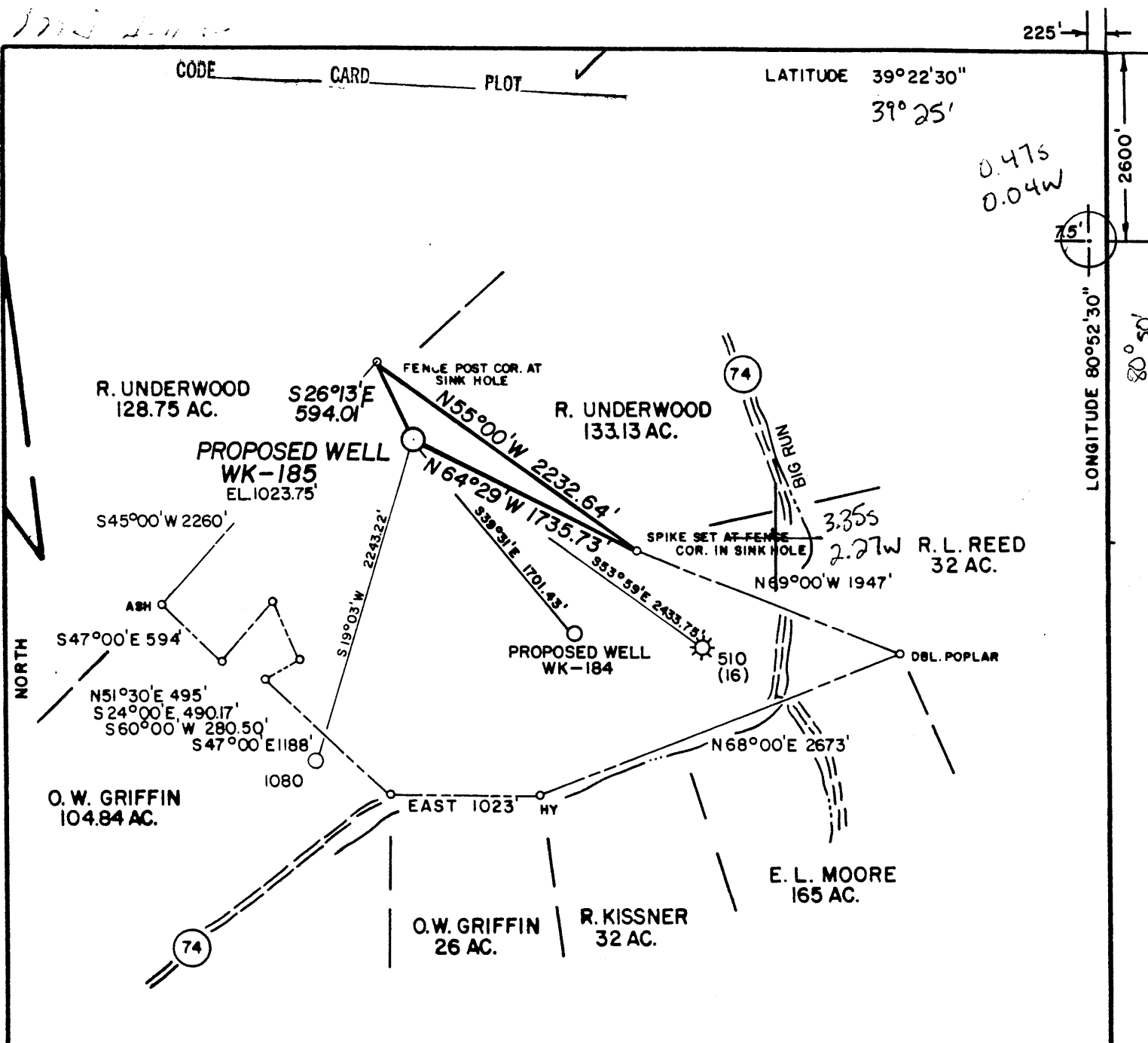
Department of Mines
 Oil & Gas Division

DATE JANUARY 23, 19 85
 OPERATOR'S WELL NO. WK-185
 API WELL NO. 47-095-1102
 STATE COUNTY PERMIT

CANCELLED

WELL TYPE: OIL ___ GAS X LIQUID INJECTION ___ WASTE DISPOSAL ___
 (IF "GAS", PRODUCTION X STORAGE ___ DEEP ___ SHALLOW X)
 LOCATION: ELEVATION 1023.75' WATER SHED BIG RUN
 DISTRICT CENTERVILLE COUNTY TYLER
 QUADRANGLE PENNSBORO 7.5' (1976)
 SURFACE OWNER CLARENCE HADLEY ACREAGE 191
 OIL & GAS ROYALTY OWNER CLARENCE HADLEY LEASE ACREAGE 194
 LEASE NO. KW-1147
 PROPOSED WORK: DRILL X CONVERT ___ DRILL DEEPER ___ REDRILL ___ FRACTURE OR STIMULATE ___ PLUG OFF OLD FORMATION ___ PERFORATE NEW FORMATION ___ OTHER PHYSICAL CHANGE IN WELL (SPECIFY) ___
 PLUG AND ABANDON ___ CLEAN OUT AND REPLUG ___
 TARGET FORMATION DEVONIAN SHALE ESTIMATED DEPTH 5995' MAY 04 1987
 WELL OPERATOR KEPCO, INC. DESIGNATED AGENT E. L. STUART
 ADDRESS 436 BLYD. OF THE ALLIES ADDRESS P.O. BOX 1550
PITTSBURGH, PA. 15219 CLARKSBURG, W.V. 26301

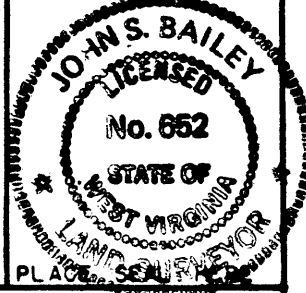
TYLER - 1102



WELL REFERENCE TIES
 WK-185 TO 8" RED MAPLE N70°12'W 166.54'
 WK-185 TO 10" BLACK CHERRY N84°18'W 198.81'

FILE NO. MSES 85-612
 DRAWN BY _____
 SCALE 1" = 1000'
 MINIMUM DEGREE OF ACCURACY 1 PART IN 200
 PROVEN SOURCE OF ELEVATION B.M. EL. 782' NORTHEAST OF LOCATION

I THE UNDERSIGNED, HEREBY CERTIFY THAT THIS PLAT IS CORRECT TO THE BEST OF MY KNOWLEDGE AND BELIEF AND SHOWS ALL THE INFORMATION REQUIRED BY LAW AND THE REGULATIONS ISSUED AND PRESCRIBED BY THE DEPARTMENT OF MINES.
 (SIGNED) John S. Bailey
 R. P. E. _____ L. L. S. 652



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



DATE JANUARY 23, 19 85
 OPERATOR'S WELL NO. WK-185
 API WELL NO. _____
47 - 095 - 1102
 STATE COUNTY PERMIT

Department of Mines
 Oil & Gas Division

WELL TYPE: OIL _____ GAS X LIQUID INJECTION _____ WASTE DISPOSAL _____
 (IF "GAS", PRODUCTION X STORAGE _____ DEEP _____ SHALLOW X)
 LOCATION: ELEVATION 1023.75' WATER SHED BIG RUN
 DISTRICT CENTERVILLE 1 COUNTY TYLER 075
 QUADRANGLE PENNSBORO 7.5' (1976) 539 West Union 15' CS 133
 SURFACE OWNER CLARENCE HADLEY ACREAGE 191
 OIL & GAS ROYALTY OWNER CLARENCE HADLEY LEASE ACREAGE 194
 LEASE NO. KW-1147
 PROPOSED WORK: DRILL X CONVERT _____ DRILL DEEPER _____ REDRILL _____ FRACTURE OR STIMULATE _____ PLUG OFF OLD FORMATION _____ PERFORATE NEW FORMATION _____ OTHER PHYSICAL CHANGE IN WELL (SPECIFY) _____
 PLUG AND ABANDON _____ CLEAN OUT AND REPLUG _____
 TARGET FORMATION DEVONIAN SHALE ESTIMATED DEPTH 5995' APR 22 1985
 WELL OPERATOR KEPCO, INC. 472 DESIGNATED AGENT E. L. STUART
 ADDRESS 436 BLYD. OF THE ALLIES ADDRESS P.O. BOX 1550
PITTSBURGH, PA 15219 CLARKSBURG, W.V. 26301



1) Date: April 1, 19 85
 2) Operator's Well No. WK 185
 3) API Well No. 47 - 095 - 1102
 State County Permit

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

- 4) WELL TYPE: A Oil / Gas
 B (If "Gas", Production / Underground storage / Deep / Shallow)
 5) LOCATION: Elevation: 1023.75' / Watershed: Big Run
 District: Centerville / County: Tyler / Quadrangle: Pennboro 7.5'
 6) WELL OPERATOR Kepeco, Inc. 25900
 Address 436 Blvd. of the Allies
Pittsburgh, PA 15219
 7) DESIGNATED AGENT E. L. Stuart
 Address P. O. Box 1550
Clarksburg, WV 26301
 8) OIL & GAS INSPECTOR TO BE NOTIFIED
 Name Robert Lowther
 Address General Delivery
Middlebourne, WV 26149
 9) DRILLING CONTRACTOR:
 Name -Unknown-
 Address _____
 10) PROPOSED WELL WORK: Drill / Drill deeper / Redrill / Stimulate
 Plug off old formation / Perforate new formation
 Other physical change in well (specify) _____
 11) GEOLOGICAL TARGET FORMATION, Devonian Shale
 12) Estimated depth of completed well, 5995 feet
 13) Approximate strata depths: Fresh, 167,487 feet; salt, ----- feet.
 14) Approximate coal seam depths: ----- Is coal being mined in the area? Yes No

RECEIVED
 APR - 5 1985
 DEPT. OF MINES, OIL & GAS DIVISION

15) CASING AND TUBING PROGRAM

CASING OR TUBING TYPE	SPECIFICATIONS					FOOTAGE INTERVALS		CEMENT FILL-UP OR SACKS (Cubic feet)	PACKERS
	Size	Grade	Weight per ft.	New	Used	For drilling	Left in well		
Conductor	11 3/4	H-40	42		X	20'	20'		
Fresh water						517'	517'		
Coal									
Intermediate	8 5/8	J-55	23	x		1649'	1649'		
Production	4 1/2	J-55	10.5	x			5900'		
Tubing									
Liners									

Handwritten notes in table:
 Fresh water: CTS by rule 15.05
 Intermediate: Circulate
 Production: 400 sacks as required by rule 15.01

OFFICE USE ONLY
 DRILLING PERMIT

Permit number 47-095-1102 Date April 12, 1985

This permit covering the well operator and well location shown below is evidence of permission granted to drill in accordance with the pertinent legal requirements subject to the conditions contained herein and on the reverse hereof. Notification must be given to the District Oil and Gas Inspector, (Refer to No. 8) Prior to the construction of roads, locations and pits for any permitted work. In addition, the well operator or his contractor shall notify the proper district oil and gas inspector 24 hours before actual permitted work has commenced.)

The permitted work is as described in the Notice and Application, plat, and reclamation plan, subject to any modifications and conditions specified on the reverse hereof.

Permit expires April 12, 1987 unless well work is commenced prior to that date and prosecuted with due diligence.

Bond: <u>87</u>	Agent: <u>SW</u>	Plat: <u>MN</u>	Casing: <u>MN</u>	Fee: <u>4232</u>
-----------------	------------------	-----------------	-------------------	------------------

Margaret J. Hesse
 Administrator, Office of Oil and Gas

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

See the reverse side of the APPLICANT'S COPY for instructions to the well operator.

File