

10007 1-9-84

10,990'

LATITUDE 39° 22' 30"

LONGITUDE 80° 55' 00"

0350

M.J. HARPER, ET VIR.
108 AC.

P. & M. RIGGS
182.25 AC.

FLYOD C. MARKLE
44 AC.
LEASE ACREAGE

R.E. MARKLE
81 AC.

H.M. JONES
18 AC.

N.A. & L. COLLINS
38.88 AC.

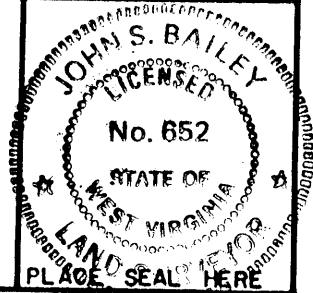
C. & P. MARKLE
27 AC.

R.L. BARKER
32.5 AC.

H. JONES
43.57 AC.

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



MAGNETIC REFERENCE TIE LINES
PROPOSED WELL TO POWER POLE AT ROAD N58°52'E 77.6'
PROPOSED WELL TO POWER POLE WITH TRANSFORMER N17°20'E 149.7'

FILE NO. MSES84-538
DRAWN BY PJD
SCALE 1"=500'
MINIMUM DEGREE OF
ACCURACY 1 IN 200
PROVEN SOURCE OF
ELEVATION INT. CO. RT. 20/1 & PVT. RD.
175' NE OF LOC. - EL. 945'

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



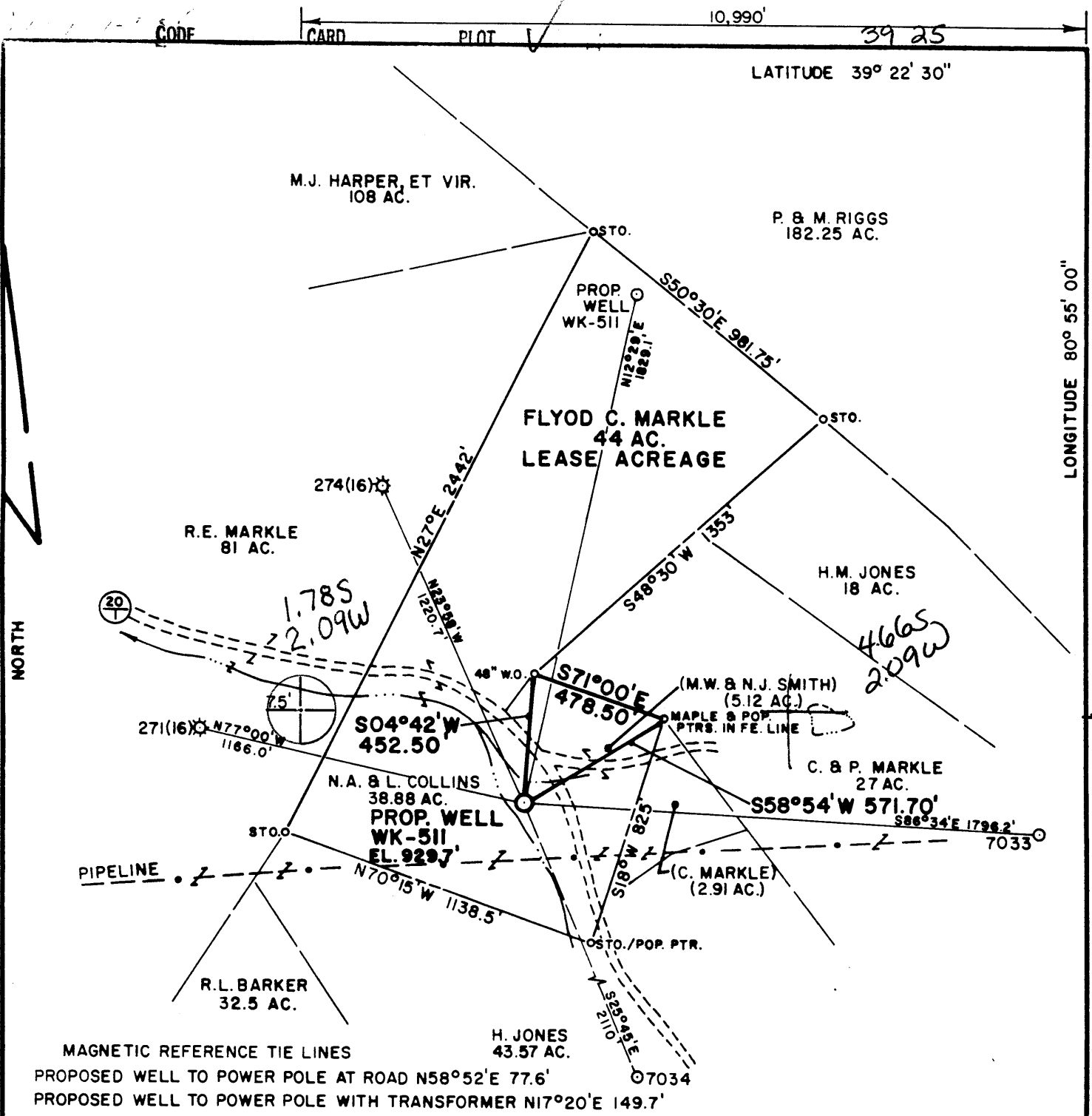
Department of Mines
Oil & Gas Division

DATE OCTOBER 25, 1984
OPERATOR'S WELL NO. WK-511
API WELL NO.
47 - 095 - 1097
STATE COUNTY PERMIT

Cancelled

WELL TYPE: OIL ___ GAS X LIQUID INJECTION ___ WASTE DISPOSAL ___
(IF "GAS", PRODUCTION ___ STORAGE ___ DEEP ___ SHALLOW ___ X)
LOCATION: ELEVATION 929.7' WATER SHED JOSEPHS FORK
DISTRICT MEADE COUNTY TYLER
QUADRANGLE PENNSBORO 7.5' 1961(1976)
SURFACE OWNER NEAL A. & LILA COLLINS ACREAGE 38.88
OIL & GAS ROYALTY OWNER BETTY M. MOORE, ET AL. LEASE ACREAGE 44
LEASE NO. KW-1152
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'
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

TYLER 1097



MAGNETIC REFERENCE TIE LINES
 PROPOSED WELL TO POWER POLE AT ROAD N58°52'E 77.6'
 PROPOSED WELL TO POWER POLE WITH TRANSFORMER N17°20'E 149.7'

FILE NO. MSES84-538

DRAWN BY PJD

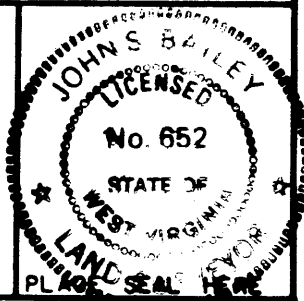
SCALE 1"=500'

MINIMUM DEGREE OF ACCURACY 1 IN 200

PROVEN SOURCE OF ELEVATION INT. CO. RT. 20/1 & PVT. RD. 175' NE OF LOC. - EL. 945

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. J. S. _____ 652



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

FORM IV-6

(8-78)



Department of Mines
 Oil & Gas Division

DATE OCTOBER 25, 1984
 OPERATOR'S WELL NO. WK-511
 API WELL NO. _____
47 - 095 - 1097
 STATE COUNTY PERMIT

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

LOCATION: ELEVATION 929.7 WATER SHED JOSEPHS FORK
 DISTRICT MEADE 4 539 COUNTY TYLER

QUADRANGLE PENNSBORO 7.5' 1961(1976) West Union 15' WCY

SURFACE OWNER NEAL A. & LILA COLLINS 133 ACREAGE 38.88

OIL & GAS ROYALTY OWNER BETTY M. MOORE, ET AL. LEASE ACREAGE 44

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'

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

JAN 14 1985

472



1) Date: October 30, 1984
 2) Operator's Well No. WK-511
 3) API Well No. 47 - 095 - 1097
 State County Permit

RECEIVED

1984

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

APPLICATION FOR A WELL WORK PERMIT

- Oil & GAS DIVISION
DEPT. OF MINES
- 4) WELL TYPE: A Oil / B (If Gas, Production) / C Gas / D Underground storage / E Deep / F Shallow
- 5) LOCATION: Elevation: 929.70 Watershed: Josephs Fork
 District: Meade County: Tyler Quadrangle: Pennsboro 7.5' (1976)
- 6) WELL OPERATOR Kepeco, Inc.
 Address 436 Blvd. of the Allies
Pittsburgh, PA 15219 *25900*
- 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 trata depths: Fresh, 73, 393 feet; salt, 1380 feet.
- 14) Approximate coal seam depths: -- Is coal being mined in the area? Yes _____ / No
- 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 | 1-3/4 | H-40 | 42 | | X | 20 | 20 | | Kinds |
| Fresh water | | | | | | 425 | 425 | | CT5 by rule 15.05 |
| Coal | | | | | | | | | Sizes |
| Intermediate | 8-5/8 | J-55 | 23 | X | | 1555 | 1555 | Circulate | |
| Production | 4-1/2 | J-55 | 10.5 | X | | | 5900 | 400 SX OR AS REQ. BY | Depths: |
| Tubing | | | | | | | | RULE 15.01 | |
| Liners | | | | | | | | | Perforations: |
| | | | | | | | | | Top Bottom |

OFFICE USE ONLY
DRILLING PERMIT

Permit number 47-095-1097 Date January 10, 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 January 10, 1987 unless well work is commenced prior to that date and prosecuted with due diligence.

| | | | | |
|-------|--------|-------|--------|------|
| Bond: | Agent: | Plat: | Casing | Fee |
| 87 | se | MN | MN | 3889 |

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