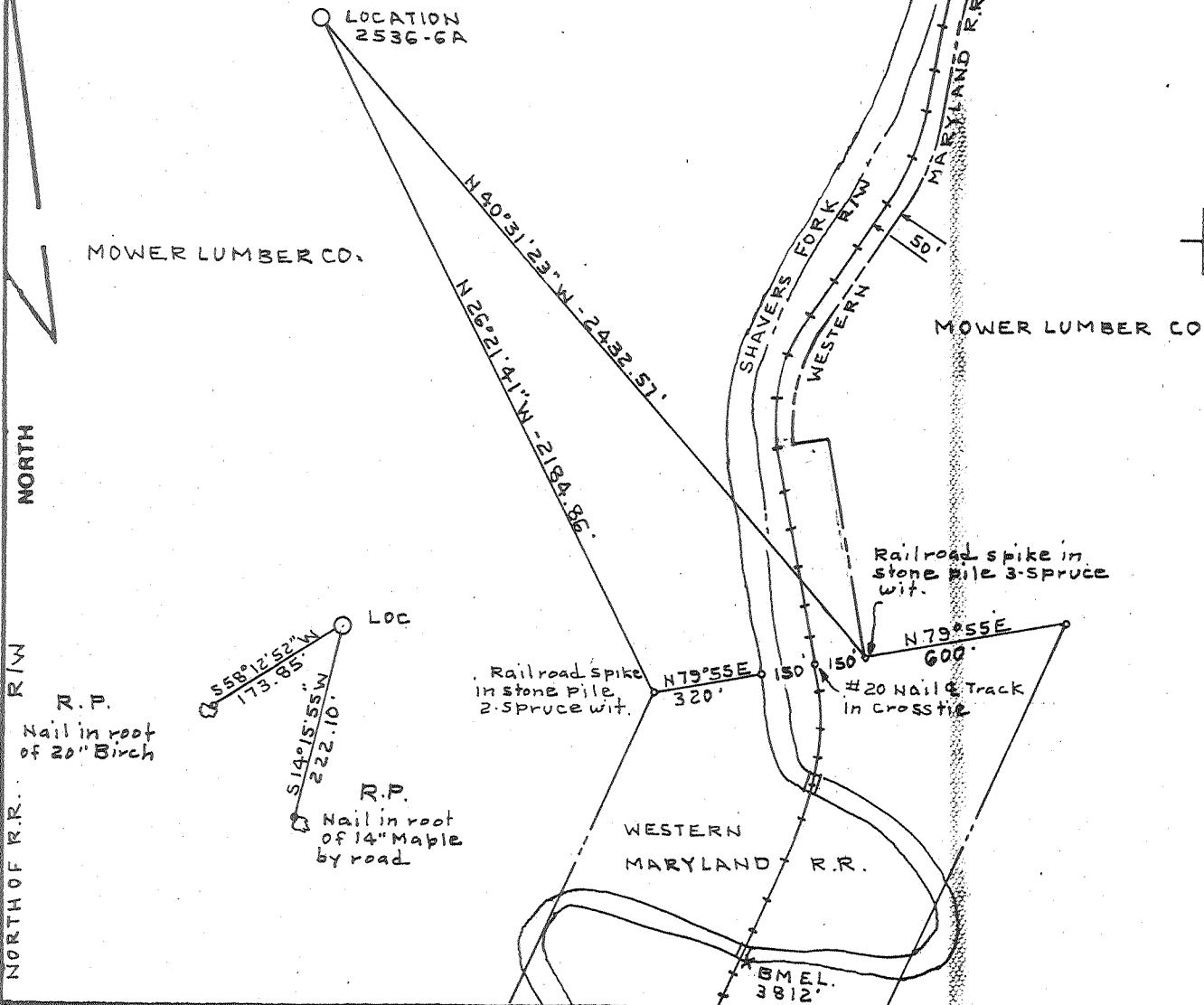


GSS @ 1/187

ROCKY RUN LATITUDE 38°30'00"

LONGITUDE 79°57'00"

NORTH
NORTH OF R.R.
R/W



FILE NO. BK 106. P 47

DRAWING NO. _____

SCALE 1" = 500'

MINIMUM DEGREE OF ACCURACY 1:5000'

PROVEN SOURCE OF ELEVATION USGS BM H-265 in south pier of RR bridge S 24° 14' 53" E - 2981.20' from LOC. E 13812'

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) C. S. Valley Jr.

R.P.E. _____ L.S. 92

PLACE SEAL HERE

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

FORM IV-6 (8-78)



DATE APRIL 25, 1987

OPERATOR'S WELL NO. 2536-6A

API WELL NO. 47-075-0042

STATE _____ COUNTY _____ PERMIT _____

STATE OF WEST VIRGINIA
DEPARTMENT OF MINES
OIL AND GAS DIVISION

CANCELLED

WELL TYPE: OIL ___ GAS X LIQUID INJECTION ___ WASTE DISPOSAL ___

(IF "GAS,") PRODUCTION X STORAGE ___ DEEP X SHALLOW ___

LOCATION: ELEVATION 3890-26 WATER SHED ROCKY RUN OF SHAVERS FORK

DISTRICT GREENBANK COUNTY POCAHONTAS

QUADRANGLE CASS

SURFACE OWNER MOWER LIMITED PARTNERSHIP ACREAGE 62,606.30

OIL & GAS ROYALTY OWNER UNION DRILLING INC. et al. LEASE ACREAGE 62,606.30

LEASE NO. AMOCO 509310

PROPOSED WORK: DRILL X CONVERT ___ DRILL DEEPER ___ REDRILL ___ FRACTURE OR STIMULATE X PLUG OFF OLD FORMATION ___ PERFORATE NEW FORMATION ___ OTHER PHYSICAL CHANGE IN WELL (SPECIFY) _____

PLUG AND ABANDON ___ CLEAN OUT AND REPLUG ___

TARGET FORMATION ORISKANY ESTIMATED DEPTH 8600'

WELL OPERATOR UNION DRILLING INC DESIGNATED AGENT JOSEPH C. PETTEY

ADDRESS P.O. DRAWER 40 ADDRESS P.O. DRAWER 40

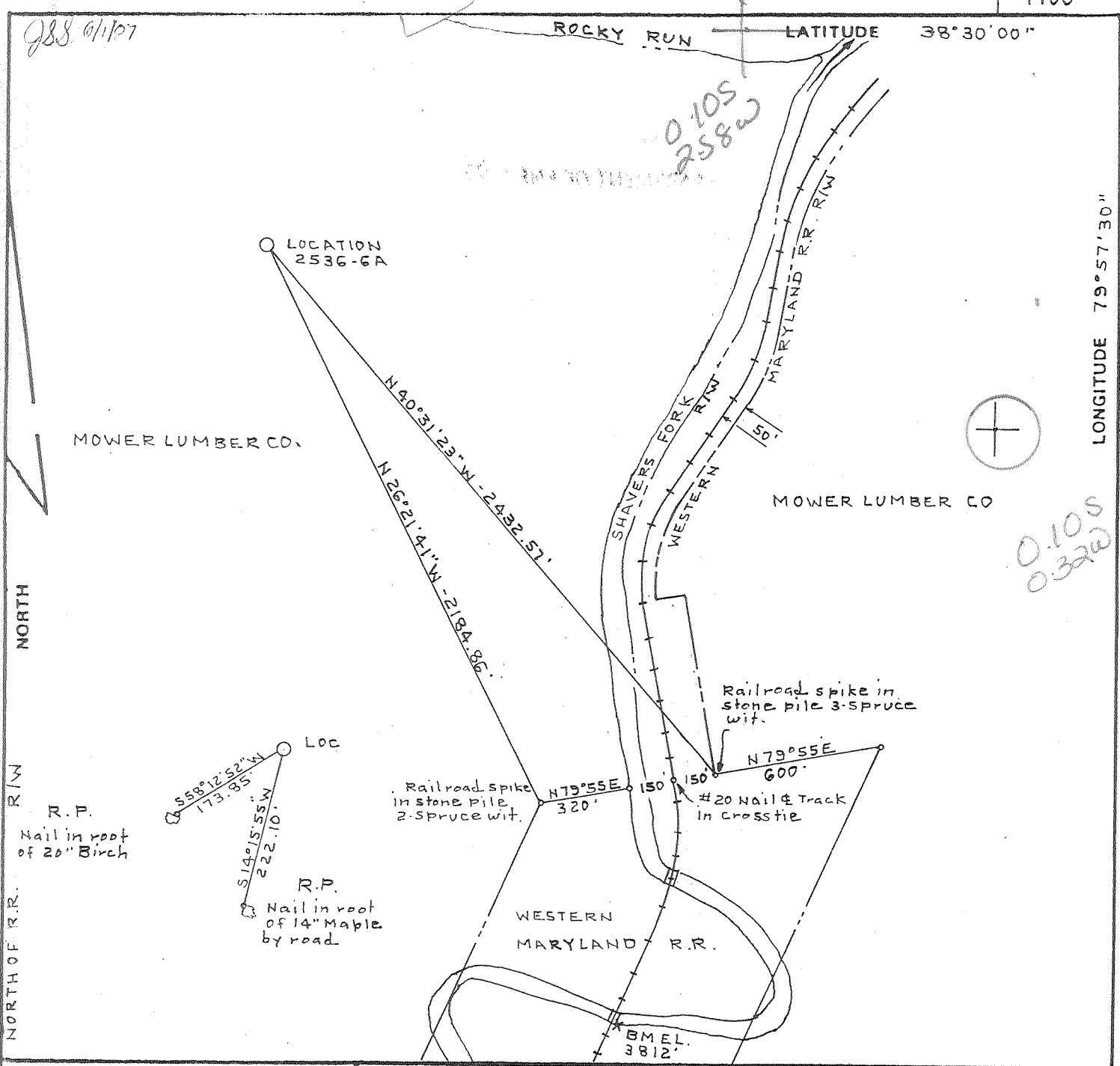
BUCKHANNON WV 26201 893 BUCKHANNON WV 26201

SEP 1 1989

POC. 0042

888 6/1/87

1700



FILE NO. BK 106. P 47
 DRAWING NO. _____
 SCALE 1" = 500'
 MINIMUM DEGREE OF ACCURACY 1:5000'
 PROVEN SOURCE OF ELEVATION USGS BM 4-265 in south pier of RR bridge
524°14'53"E - 2981.20' from loc.

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) C. S. Volley Jr.
 R.P.E. _____ L.L.S. 92

PLACE SEAL HERE

(+) DENOTES LOCATION OF WELL ON UNITED STATES TOPOGRAPHIC MAPS
 FORM IV-8 (8-78)
 WELL TYPE: OIL ___ GAS X LIQUID INJECTION ___ WASTE DISPOSAL ___
 (IF "GAS.") PRODUCTION X STORAGE ___ DEEP X SHALLOW ___
 LOCATION: ELEVATION 3890.26 WATER SHED ROCKY RUN OF SHAVERS FORK
 DISTRICT GREENBANK COUNTY POCAHONTAS
 QUADRANGLE CASS 281 021 NW
 SURFACE OWNER MOWER LIMITED PARTNERSHIP ACREAGE 62,606.30
 OIL & GAS ROYALTY OWNER UNION DRILLING INC. et al. LEASE ACREAGE 62,606.30
 LEASE NO. AMOCO 509310
 PROPOSED WORK: DRILL X CONVERT ___ DRILL DEEPER ___ REDRILL ___ FRACTURE OR STIMULATE X PLUG OFF OLD FORMATION ___ PERFORATE NEW FORMATION ___ OTHER PHYSICAL CHANGE IN WELL (SPECIFY) _____
 PLUG AND ABANDON ___ CLEAN OUT AND REPLUG ___
 TARGET FORMATION ORISKANY ESTIMATED DEPTH 8600'
 WELL OPERATOR UNION DRILLING INC DESIGNATED AGENT JOSEPH C. PETTEY
 ADDRESS P.O. DRAWER 40 ADDRESS P.O. DRAWER 40
BUCKHANNON WY 26201 893 BUCKHANNON WY 26201

STATE OF WEST VIRGINIA
 DEPARTMENT OF MINES
 OIL AND GAS DIVISION

DATE APRIL 25, 1987
 OPERATOR'S WELL NO. 2536-6A
 API WELL NO. _____
47 - 075 - 0042
 STATE COUNTY PERMIT
 JUN 08 1987



FORM WV-2 (B)
(Obverse)
7/85

RECEIVED
MAY 27 1987



1) Date: May 1, 1987
2) Operator's Well No. 2536
3) API Well No. 47 State 075 County 0042 Permit

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

- 4) WELL TYPE: A Oil _____ / Gas X /
B (If "Gas", Production X / Underground storage _____ / Deep X / Shallow _____ /)
- 5) LOCATION: Elevation: 3890.26 Watershed: Rocky Run of Shavers Fork
District: Greenbank 2 County: Pocahontas 075 Quadrangle: Cass 281
- 6) WELL OPERATOR Union Drilling CODE: 50550 7) DESIGNATED AGENT Joseph C. Pettey
Address Post Office Drawer 40 Address Post Office Drawer 40
Buckhannon, WV 26201 Buckhannon, WV 26201
- 8) OIL & GAS INSPECTOR TO BE NOTIFIED 9) DRILLING CONTRACTOR:
Name Craig Duckworth Name Union Drilling, Inc.
Address Box 107, Davison Route Address Post Office Drawer 40
Gassaway, WV 26624 Buckhannon, WV 26201
- 10) PROPOSED WELL WORK: Drill X / Drill deeper _____ / Redrill _____ / Stimulate X /
Plug off old formation _____ / Perforate new formation _____
Other physical change in well (specify) _____
- 11) GEOLOGICAL TARGET FORMATION, Oriskany
- 12) Estimated depth of completed well, 8600 feet
- 13) Approximate trata depths: Fresh, _____ feet; salt, _____ 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 | | | | | | | | | Kinds |
| Fresh water | | | | | | | | | |
| Coal | | | | | | | | | Size |
| Intermediate | 9 5/8 | N-80 | 36 & 40 | X | | 1800 | 1800 | to surface | Per Rule 15.05 |
| Production | 5 1/2 | N-80 | 17 | X | | 8500 | 8500 | as required | Depths set |
| Tubing | | | | | | | | by Rule 15.01 | 02 8500 SK |
| Liners | | | | | | | | | Perforations: |
| | | | | | | | | | Top Bottom |

**OFFICE USE ONLY
DRILLING PERMIT**

Permit number 47-075-0042 Date June 4 19 87

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 June 4, 1989 unless well work is commenced prior to that date and prosecuted with due diligence.

| | | | | | | | |
|--------------------|--------------------|--------------------|--------------------|------------------|--------------------|--------------------|--------|
| Bond: | Agent: | Plat: | Casing: | Fee: | W.P.P.: | Gas: | Other: |
| <u>[Signature]</u> | <u>[Signature]</u> | <u>[Signature]</u> | <u>[Signature]</u> | <u>65 TO 207</u> | <u>[Signature]</u> | <u>[Signature]</u> | |

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

[Signature]
Director, Division of Oil and Gas

File

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

10208