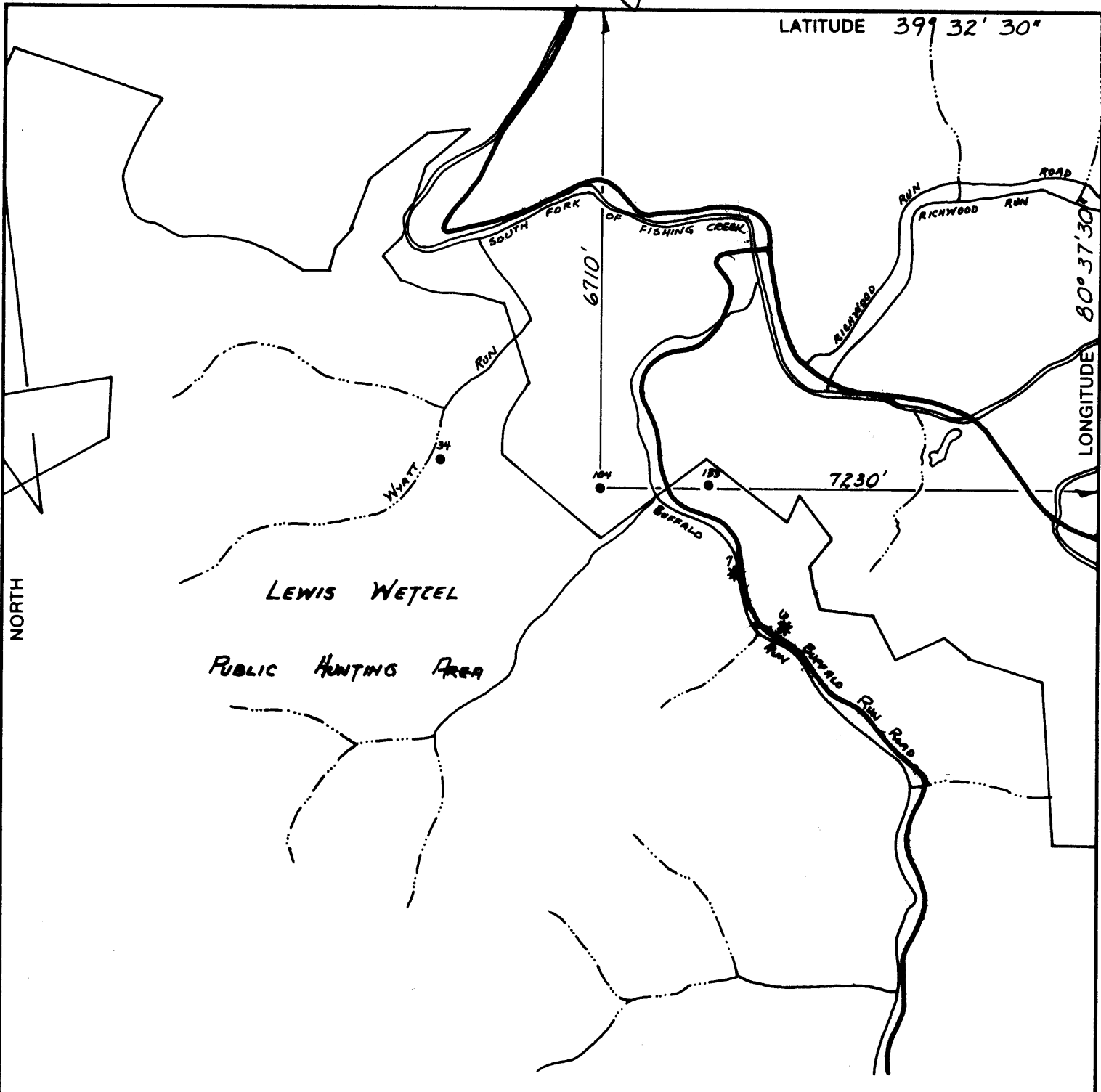


LATITUDE 39° 32' 30"

LONGITUDE 80° 37' 30"



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

FILE NO. \_\_\_\_\_  
 DRAWING NO. \_\_\_\_\_  
 SCALE 1" = 2000'  
 MINIMUM DEGREE OF ACCURACY \_\_\_\_\_  
 PROVEN SOURCE OF ELEVATION \_\_\_\_\_

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 ENERGY.  
 (SIGNED) J. Russell

R.P.E. \_\_\_\_\_ L.L.S. \_\_\_\_\_

PLACE SEAL HERE

**STATE OF WEST VIRGINIA**  
 DEPARTMENT OF ENERGY  
 DIVISION OF OIL AND GAS



DATE NOVEMBER 18, 1993

OPERATOR'S WELL NO. \_\_\_\_\_

API WELL NO. \_\_\_\_\_

47 - 103 - 0325-D-P  
 STATE COUNTY PERMIT

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

LOCATION: ELEVATION 879' WATER SHED BUFFALO RUN Not: 103-1606-N

DISTRICT GRANT COUNTY WETZEL

QUADRANGLE PINE GROVE

SURFACE OWNER SAMUEL LANTZ ACREAGE 330

OIL & GAS ROYALTY OWNER N/A LEASE ACREAGE \_\_\_\_\_

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 BIG INJUN ESTIMATED DEPTH 1953'

WELL OPERATOR QUAKER STATE CORP. DESIGNATED AGENT FRANK ROTUNDA

ADDRESS 1226 POTNAM HOWE DR. BELPRE, OH 45714 ADDRESS P.O. Box 823 PARKERSBURG, W.VA. 26102

H.T. HALL 058018 FORM WW-6

COUNTY NAME PERMIT

0070 1994

STATE OF WEST VIRGINIA  
DIVISION OF ENVIRONMENTAL PROTECTION  
SECTION OF OIL AND GAS

WELL REGISTER ASSIGNMENT

This API Number 47-103-01606, issued to QUAKER STATE CORPORATION is evidence of permission to operate the well that is referenced at the location described on the attached plat, subject to the provisions of Chapters 22 and 22B of the West Virginia Code of 1931, as amended, and all rules and regulations promulgated thereunder. The name and telephone number of the Oil and Gas Inspector for this well is RANDAL MICK -  
304-986-3324.

Spills or emergency discharges must be reported to 1-800-654-3312.

Failure to abide by all statutory and regulatory provisions governing all duties and operations hereunder may result in suspension or revocation of your permits and in addition may result in civil and/or criminal penalties.

The enclosed WR-35 must be completed by you and returned to this office. In addition annual production reports must be submitted on this well and failure to do so may require you to plug the well.

Theodore M. Streit  
Chief

By: 

Title: \_\_\_\_\_

Operator's Well No: MILLS #104

Farm Name: MILLS, JOHN

API Well Number : 47-103-01606 N → 103 325

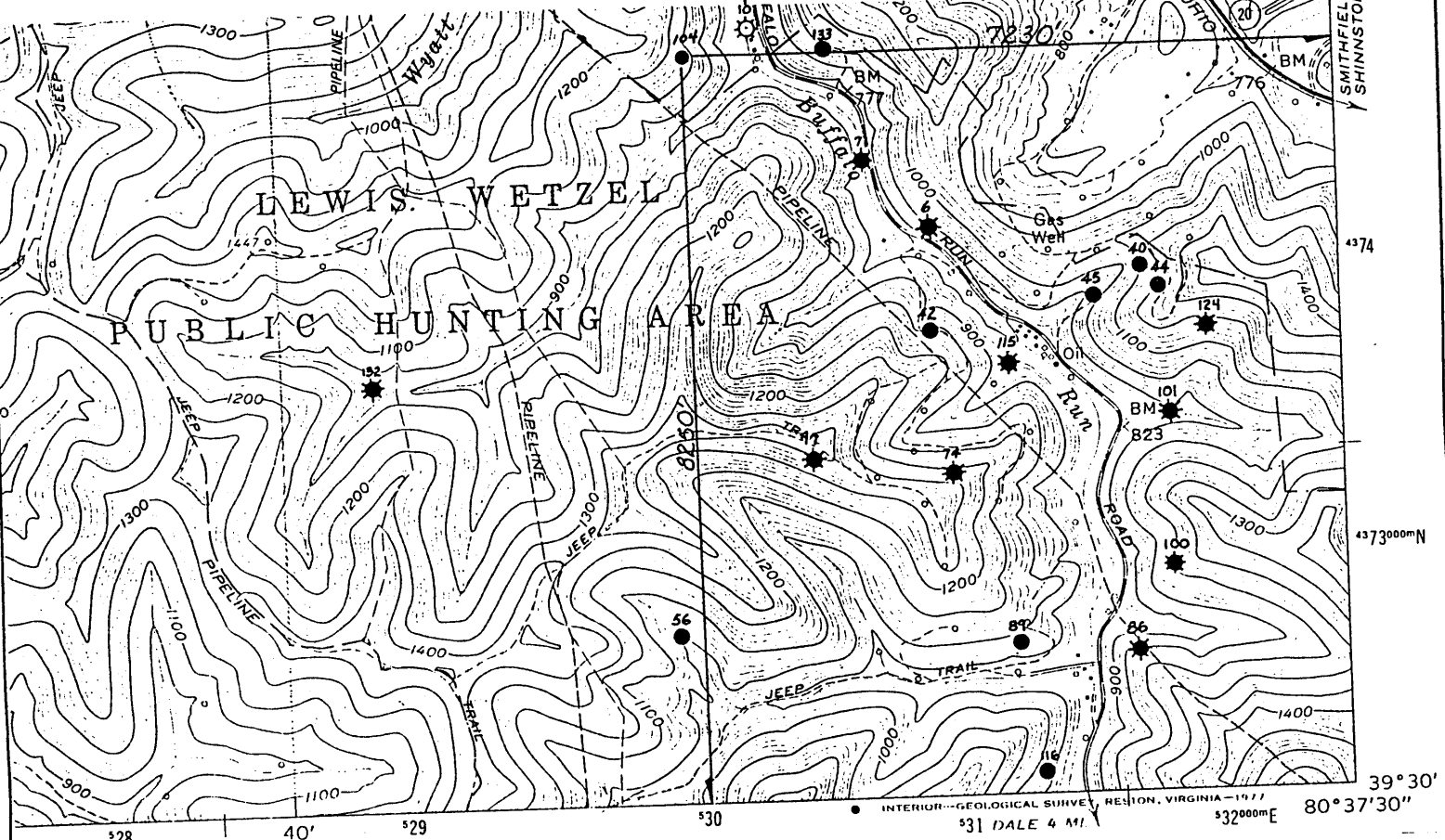
Date Issued : 03/10/94

INSTRUCTIONS

LATITUDE 39° 32' 30"  
(6810'S)

LONGITUDE 80° 37' 30"  
(7230'W)

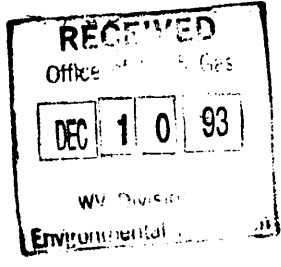
- 1) Attach a photo copy of the location of the well on a 7.5 minute Quadrangle with the corresponding Longitude and Latitude.
- 2) Designate the location of the well with the symbol(+).



I, the undersigned, Hereby certify that this plat is correct to the best of my knowledge and belief.

SIGNED *Quaker State*  
TITLE District Manager

DATE November 18, 1993  
OPERATORS WELL NO. Mills-Lantz #104  
API WELL NO. 47-103-1067



STATE OF WEST VIRGINIA  
DEPARTMENT OF ENERGY  
OIL AND GAS DIVISION

103-106-N  
103 325

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

LOCATION: ELEVATION 879' WATER SHED Buffalo Run  
DISTRICT Grant COUNTY Wetzel  
QUADRANGLE Pine Grove

SURFACE OWNER Samuel Lantz ACREAGE 330

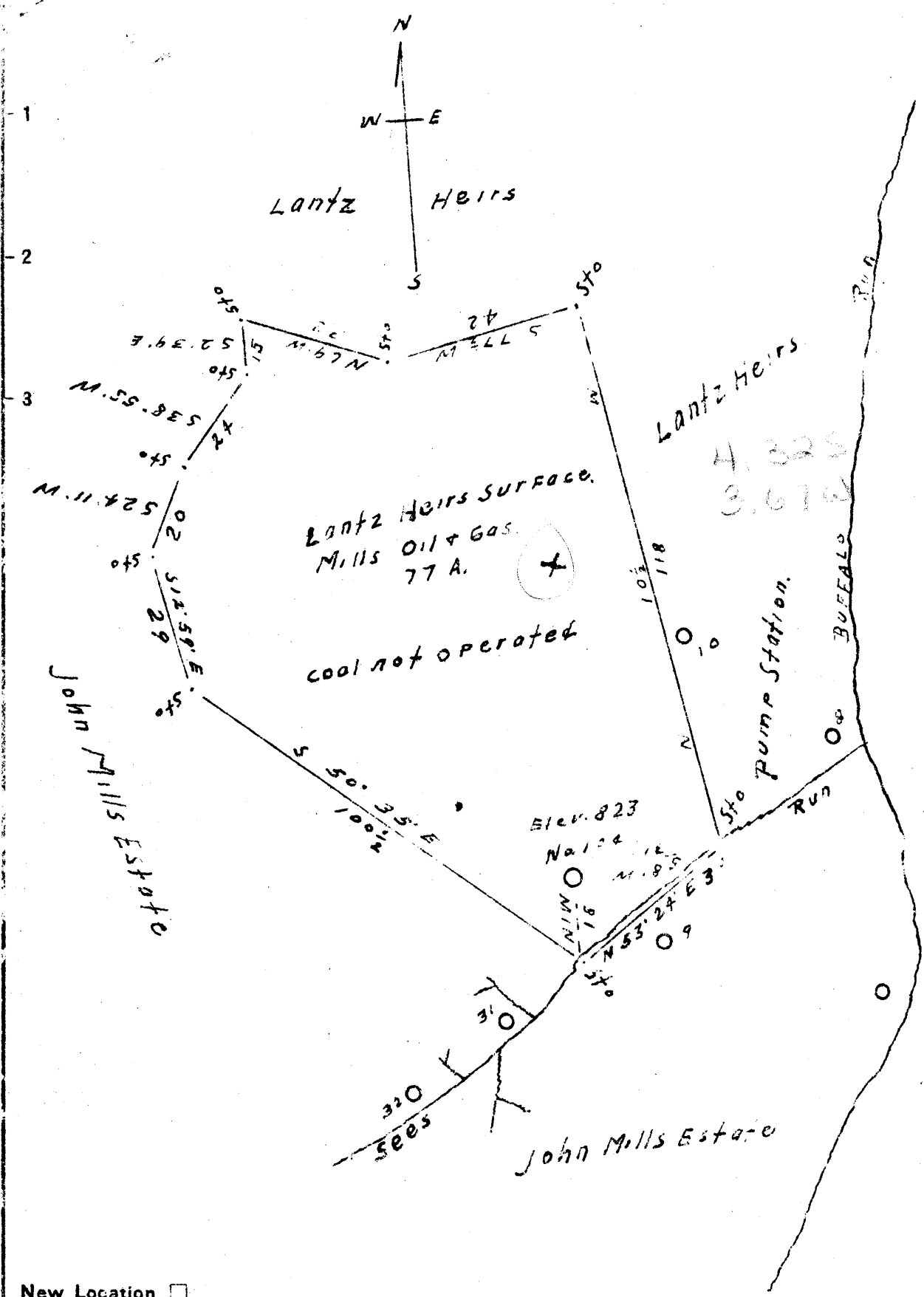
OIL & GAS ROYALTY OWNER N/A LEASE ACREAGE             
LEASE NO.           

PRODUCING FORMATION Big Injun Sand TOTAL DEPTH 1958'

WELL OPERATOR Quaker State Corporation DESIGNATED AGENT Frank Rotunda

ADDRESS 1226 Putnam Howe Drive ADDRESS P.O. Box 823  
Belpre, OH 45714 Parkersburg, WV 26102

18524



New Location   
 Drill Deeper   
 Abandonment

Company Kanawha Oil Co.  
 Address Pittsburgh Pa.  
 Farm Lantz Heirs  
 Tract 1 Acres 77 Lease No. \_\_\_\_\_  
 Well (Farm) No. 104 Serial No. \_\_\_\_\_  
 Elevation (Spirit Level) 823 Feet  
 Quadrangle Littleton  
 County Wetzel District Grant  
 Engineer J. M. Spohrman  
 Engineer's Registration No. Co. Surveyor  
 File No. \_\_\_\_\_ Drawing No. \_\_\_\_\_  
 Date 5-2-1945 Scale 1 inch = 30 Pds.

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

**WELL LOCATION MAP**  
 FILE NO. WET-325-D

+ Denotes location of well on United States Topographic Maps, scale 1 to 62,500, latitude and longitude lines being represented by border lines as shown.

- Denotes one inch spaces on border line of original tracing.

39° 32' 30"

Latitude ✓

80° 37' 30"

Longitude

**Topo Location**

7.5' Loc. 1.295 15' Loc. 4.175  
1.36W (calc.) 3.58W

Company Quaker State Corp.  
Farm Samuel Lantz #104  
John Mills  
15' Quad Littleton (SC)  
(sec.)  
7.5' Quad Pine Grove  
District Grant

**WELL LOCATION PLAT**

County 103 Permit 1606N  
↳ B25

WEST VIRGINIA DEPARTMENT OF MINES  
OIL & GAS DIVISION  
W E L L R E C O R D

|                                 |  |              |                  |
|---------------------------------|--|--------------|------------------|
| Permit No. Wet 325 D            |  |              | Oil Well         |
| Littleton Quad.                 |  |              | CASING & TUBING  |
| Company                         | E.H. Jennings Bros. Co.                                    |              |                  |
| Address                         | 2009 Clark Bldg., Pittsburgh, 22, Pa.                      |              | 10      280      |
| Farm                            | John Mills (Lantz Farm)                                    | Acres 77     | 8½      1125     |
| Location                        |  |              | 6 5/8      1858  |
| Well No.                        | 104  | Elev. 823'   | 5 3/16      1999 |
| District                        | Grant      Wetzel County                                   |              |                  |
| Surface                         | Lantz Heirs, Mannington, W.Va.<br>& Pine Grove, W.Va.      |              |                  |
| Mineral                         | E.H. Jennings Bros. Co., 2009 Clark Bldg., Pittsburgh, Pa. |              | Larkin Bottom    |
| Commenced                       | 5-2-45   |              |                  |
| Completed                       | 8-9-45   |              |                  |
| Date shot                       | 7-31-45  | 2713 to 2738 | 30 qts.          |
|                                 | 8-9-45   | 2696 to 2711 | 30 qts.          |
| Oil                             | 2.4 bbls. per week   |              |                  |
|                                 |  |              |                  |
| <del>50'</del> Sand             | 2290   | 2305         |                  |
| <del>30'</del> Sand             | 2467   | 2490         |                  |
| <del>Gordon Stray Sand</del>    | 2673   | 2678         |                  |
| <del>Two Foot Break Slate</del> |  | 2680         |                  |
| <del>Gordon Sand</del>          | 2680   | 2742         |                  |
| <del>Bottom Nole</del>          |  | 2743         |                  |
|                                 |  |              |                  |
| Oil & Gas very light            | 2702   | 2708         |                  |
| Oil                    "        | 2714   | 2734         |                  |

Making 2.4 bbl. oil per week  
14,000' Gas per day.

2673  
823  
1858

2734  
2290  
444