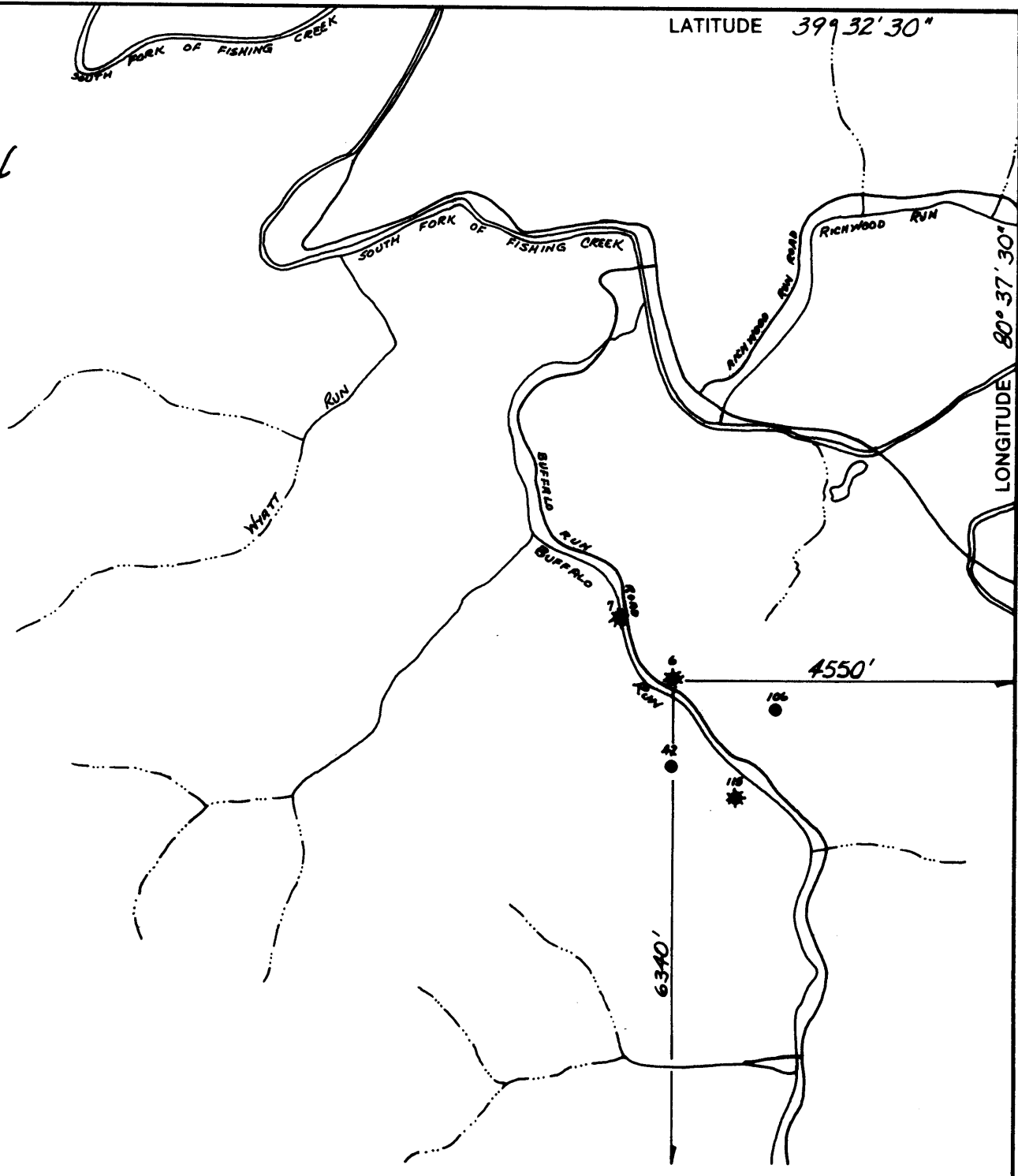


LATITUDE 39° 32' 30"

LONGITUDE 80° 37' 30"

NORTH

Samuel
9/23/94



(+) 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 Nov. 18, 19 93
 OPERATOR'S WELL NO. LANTZ #6
 API WELL NO. _____

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

47 - 103 - 1586-P
 STATE COUNTY PERMIT

LOCATION: ELEVATION 866' WATERSHED BUFFALO RUN
 DISTRICT GRANT COUNTY WETZEL
 QUADRANGLE PINE GROVE

SURFACE OWNER SAMUEL LANTZ ACREAGE 330 AC
 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 GORDON SAND ESTIMATED DEPTH 2787'

WELL OPERATOR QUAKER STATE CORPORATION DESIGNATED AGENT FRANK ROTUNDA
 ADDRESS 1226 Pottam Howe Dr. Belpre, OH 45723 ADDRESS P.O. Box # 823 Parkersburg, WV 26102

The 1929 Well

COUNTY NAME PERMIT

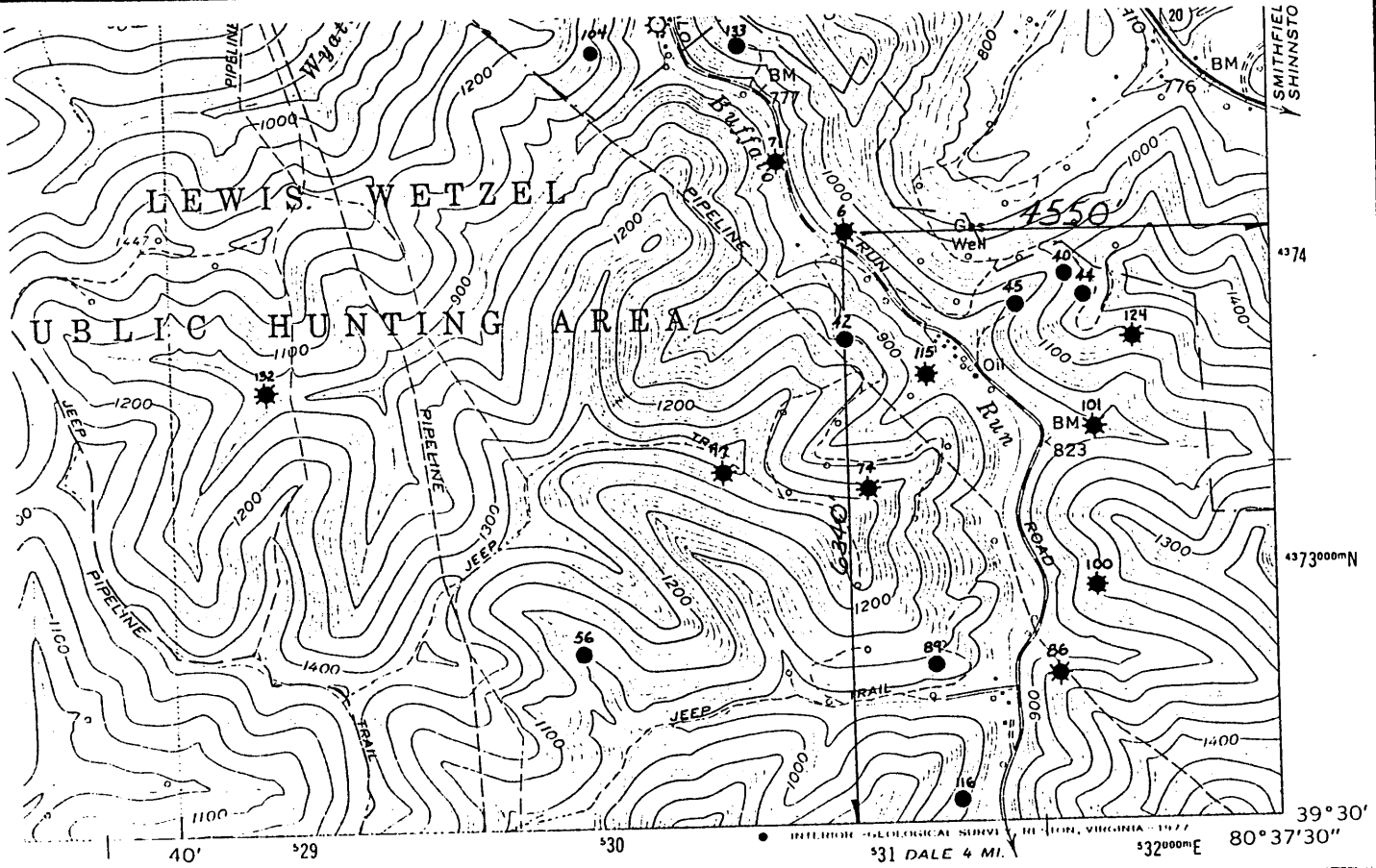
FORM WW-8

INSTRUCTIONS

LATITUDE 39°32'30"
(8800' S)

LONGITUDE 80°37'30"
(4550' 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.

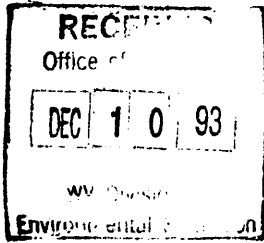
SIGNED *Dean Clark*

TITLE District Manager

DATE November 18, 1993

OPERATORS WELL NO. Lantz #6

API WELL NO. 47-103-1586-N



STATE OF WEST VIRGINIA
DEPARTMENT OF ENERGY
OIL AND GAS DIVISION

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

LOCATION: ELEVATION 866' WATER SHED Buffalo Run
DISTRICT Grant COUNTY Wetzel
QUADRANGLE Pine Grove 548

SURFACE OWNER Samuel Lantz ACREAGE 330

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

PRODUCING FORMATION Gordon Sand TOTAL DEPTH 2787'

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

18504

40400

39° 32' 30"

Latitude

80° 37' 30"

Longitude

o

70132

Topo Location

7.5' Loc.	<u>1.665</u>	15' Loc.	<u>4.545</u>
	<u>0.86W</u>	(calc.)	<u>3.08W</u>

Company Quaker State Corp.
 Farm Samuel Party #6
 15' Quad Littleton (5C)
 (sec.)
 7.5' Quad Pine Grove
 District Grant

WELL LOCATION PLAT

County 103 Permit 1586N

ID: COUNTY: 103 (WETZEL) PERMIT: 70132 SFX: W (Worked Over)

REASSIGNED ID #: ()

COMPLETION INFO:	ELEVATION:	COMP REC FLAG: (from E-LOG)	* LOCATION TAX DST:			
	ELEVATION TYPE: G (Ground Lvl)	RIG TYPE: (???)	* INFO:	DEGREES	MINUTES	MILES
CLASSIFICATION:	DATES: MM/DD/YYYY	WELL TYPE: 0	* 7.5' LATITUDE:	00	00.0	0.00S
INITIAL: (unclassified)	SPUD: / /	(Unknown)	* LONGITUDE:	00	00.0	0.00W
FINAL: (unclassified)	COMP: / /1965		* QUADRANGLE:			
FIELD: (?Never assigned)	BATCH: / /	CMPL METH: ()	* 15' LATITUDE:	00	00	0.00S
	YEAR RPTD:		* LONGITUDE:	00	00	0.00W
			* QUADRANGLE:			
OPEN GAS-BEFORE TREATMENT:	(MCFPD) OIL-BEFORE TREATMENT:	(BOPD)	* 5' SECT:			
FLOW: GAS-AFTER TREATMENT:	(MCFPD) OIL-AFTER TREATMENT:	(BOPD)	* UTM: EASTING:			
			* NORTHING:			
ROCK NATURAL (PSI): 0	TIME (NATURAL, IN HOURS): 0		* COORDINATE DIGITIZED (Y/N):			
PRESSURE: TREATED (PSI): 0	TIME (TREATED, IN HOURS): 0		* OWNER STATUS: C (Cmp1td)	DATE: / /1965		
DEPTHS: TOTAL FTG: 2768	NEW FTG: 0	EXPL FTG: 0	* INFO: SURFACE OWNER: Lantz, Samuel 6			
			* OIL&GAS OWNER:			
DEEPEST FM: AT TOTAL DEPTH: 999	TESTED: 999		* COMPANY NUMBER:			
(undetermined unit)	(undetermined unit)		* OPERATOR: 0721 (Quaker State)			

MECHANICAL LOG INFO:

STATUS: RANGE OF INTERVALS: 1850- 2766 DEEPEST FM LOGGED:
 LOGS AVAILABLE: GR,* MICROFILM ROLL NUMBER(S): 158
 COMMENT: on #158 as Lantz 6
 LOG TYPES: GR-gamma ray; D-density; T-temperature; I-induction; N-neutron; S-sonic; *Other types not noted

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

WELL REGISTER ASSIGNMENT

This API Number 47-103-01586, 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: LANTZ #6

Farm Name: LANTZ, SAMUEL

API Well Number : 47-103-01586 N

Date Issued : 03/10/94

NOV 03 1994

Permitting AFFIDAVIT OF PLUGGING AND FILLING WELL
Office of Oil & Gas

AFFIDAVIT SHOULD BE IN TRIPLICATE, one copy mailed to the Division, one copy to be retained by the Well Operator and the third copy (and extra copies if required) should be mailed to each coal operator at their respective addresses.

Farm name: LEWIS WETZEL HUNTING GR. Operator Well No.: LANTZ #6

LOCATION: Elevation: 866.00 Quadrangle: PINE GROVE
District: GRANT County: WETZEL
Latitude: 6340 Feet South of 39 Deg. 32 Min. 30 Sec.
Longitude 4550 Feet West of 80 Deg. 37 Min. 30 Sec.

Well Type: OIL X GAS _____

Company: Quaker State Corporation
Box 189
Belpre, Ohio 45714

Coal Operator N/A
or Owner _____

Agent: Mr. Frank Rotunda

Coal Operator N/A
or Owner _____

Permit Issued: 08/24/94

AFFIDAVIT

STATE OF WEST VIRGINIA,
County of Wetzel ss:

Myron Perkins and Paul Huggins being first duly sworn according to law depose and say that they are experienced in the work of plugging and filling oil and gas wells and were employed by the above named well operator, and participated in the work of plugging and filling the above well, and Mr. Randal Mick Oil and Gas Inspector representing the Director, say that said work was commenced on the 3rd day of August, 1994, and that the well was plugged and filled in the following manner:

TYPE	FROM	TO	PIPE REMOVED	LEFT
6% Gel	2003'	Surface	2187'-0' 5 3/16"	0'
Cement	2003'	1703'	173'-0' 6 5/8"	173'-1910'
" "	1243'	1093'	Ripped 6 5/8" fdr 20' at 120'	
" "	775'	575'	Ripped 6 5/8" fdr 20' at 645'	
" "	340'	290'	Ripped 6 5/8" fdr 20' at 315'	
" "	150'	Surface	Note: 4 1/2" liner was covered over by 100' cave in at 20'	
			set 10' bridge at that point	

Description of monument: 6 5/8" casing 4' 47-103-01586-P 9/28/94
and that the work of plugging and filling said well was completed on the 28th day of September, 1994.

And further deponents saith not.

Sworn and subscribe before me this 31st day of October, 1994
My commission expires: 9/14/99

Myron Perkins
Paul Huggins
Evelyn J. Callihan
Notary Public

Evelyn J. Callihan
Notary Public, State of Ohio
My Commission Expires: _____

Oil and Gas Inspector: Randal Mick

NOV 24 1994