

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

FORM IV-6
(8-78)
N68 N10 W1



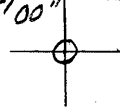
DATE 1-5- 1979
 OPERATOR'S WELL NO. 5
 API WELL NO. 47-103-1029
 STATE COUNTY PERMIT

STATE OF WEST VIRGINIA
DEPARTMENT OF MINES

WELL TYPE: OIL GAS LIQUID INJECTION WASTE DISPOSAL
 (IF "GAS", PRODUCTION STORAGE DEEP SHALLOW
 LOCATION: ELEVATION 1113.06 WATER SHED NORTH FL. FISHING CK
 DISTRICT GRANT COUNTY WETZEL
 QUADRANGLE PINE GROVE 7.5'
 SURFACE OWNER _____
 OIL & GAS ROYALTY OWNER _____ ACREAGE _____
 LEASE NO. _____ LEASE ACREAGE _____
 PROPOSED WORK: DRILL CONVERT DRILL DEEPER REDRILL FRACTURE OR STIMULATE PLUS OFF OLD FORMATION PERFORATE NEW FORMATION OTHER PHYSICAL CHANGE IN WELL (SPECIFY) _____
 PLUS AND ABANDON CLEAN OUT AND REPLUG
 TARGET FORMATION _____ ESTIMATED DEPTH _____
 WELL OPERATOR Pennzoil Company DESIGNATED AGENT James A. Crabb
 ADDRESS P. O. Box 1588 ADDRESS Parkerburg, WV 26101

Sam'l J. Long 6-5

LATITUDE 39° 35' 00"



LONGITUDE 80° 27' 30"

7'5 OGIS topo location

7.5' loc 0.06 S 15' loc _____
' 0.52 W (calc.) _____

Company _____

Farm _____

Quad PINE GROVE 7 1/2'

County WETZEL

District GRANT

WELL LOCATION MAP

File No. 103-1029

Well No. **6699**
 Lease No. *Frank* Township *Wright*
 Rig built by *S. P. G. Co.*
 Well drilled by *Holman and Wilson*
 Began drilling *Oct 16 1903* Completed *Oct 22 1903*

Point of Commencement	947	947
Conclusive		
Pittsburg Coal	855	16
Second Sand	1250	1390
Salt	1665	1865
Marion	1910	2440
Lower Sand	2025	2000
Big Sand	2030	2080
Upper Sand	2080	2315
5' Sand	2180	2400
Clay	2199	2426
London	2246	
Oil	2430	
Total Depth		2450

Casing Records
 Casing 550
 8 1/2" 1500
 6 1/8" 2275
 Total Casing Depth
 4725

Shot 8-9-29-60gts. Screen sand