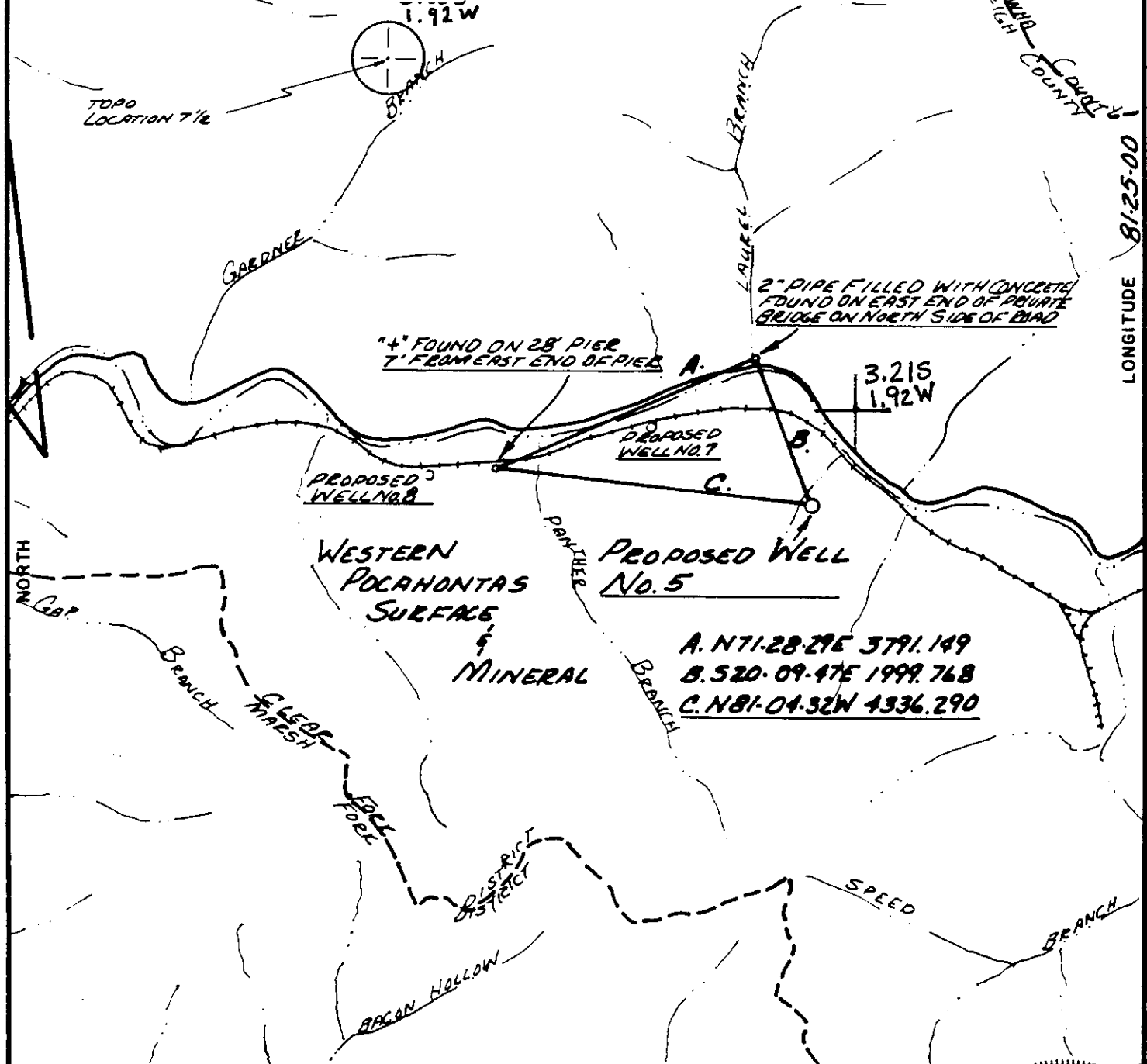


CO: 081 PMT: 643
 Loc Disitized from OGIS 7.5' Mylar
 QUAD: 325 DATE: 9-FEB-90
 LAT: 37 57.5 Miles South: 0.32
 LONG: 81 25.0 Miles West : 1.95

19,050 38°00'

LATITUDE
37-57.30

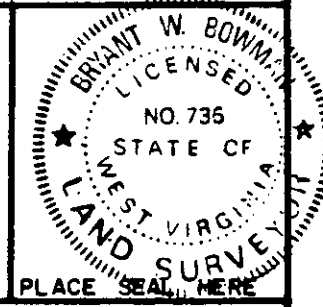
LONGITUDE
81-25-00



FILE NO. _____
 DRAWING NO. _____
 SCALE 1:2000
 MINIMUM DEGREE OF ACCURACY 1-5000
 PROVEN SOURCE OF ELEVATION BM 199 NORTH OF LOCATION

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) Bryant W. Bowman
 R. P. E. _____ L. L. S. 736



(+) DENOTES LOCATION OF WELL ON UNITED STATES TOPOGRAPHIC MAPS
 FORM IV-6
 (8-79)



Department of Mines
 Oil & Gas Division

DATE 2-28, 1984
 OPERATOR'S WELL NO. No. 5
 API WELL NO. 47-081-0643
 STATE COUNTY PERMIT
CANCELLED 5-6-86
 via DEP

WELL TYPE: OIL ___ GAS LIQUID INJECTION ___ WASTE DISPOSAL ___
 (IF "GAS", PRODUCTION STORAGE ___ DEEP ___ SHALLOW
 LOCATION: ELEVATION 1188 WATER SHED CLEAR FORK
 DISTRICT CLEAR FORK COUNTY RALEIGH
 QUADRANGLE CLEAR FORK Dorothy Section 16
 SURFACE OWNER WESTERN POCAHONTAS CORP. ACREAGE _____
 OIL & GAS ROYALTY OWNER WESTERN POCAHONTAS CORP. LEASE ACREAGE _____
 LEASE NO. 31195

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 DEVONIAN SHALES ESTIMATED DEPTH 5057 MAY 7 1984
 WELL OPERATOR PEAKE OPERATING CO. DESIGNATED AGENT FLOYD WILCOX
 ADDRESS 423 CHAS. NAT. PLAZA ADDRESS 423 CHAS. NAT. PLAZA
CHARLESTON, W.V.A. CHARLESTON, W.V.A.



1) Date: March 16, 19 84
 2) Operator's #5-ADS
 Well No. _____
 3) API Well No. 47 - 081 - 0643
 State _____ County _____ Permit _____

STATE OF WEST VIRGINIA
 DEPARTMENT OF MINES, 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 _____ / Shallow X /)
- 5) LOCATION: Elevation: 1188 Watershed: Clear Fork
 District: Clear Fork County: Raleigh Quadrangle: Dorothy
- 6) WELL OPERATOR Peake Operating Company
 Address Suite 423 Charleston National Plaza
Charleston, WV 25301
- 7) DESIGNATED AGENT Floyd B. Wilcox
 Address Suite 423 Charleston National Plaza
Charleston, WV 25301
- 8) OIL & GAS INSPECTOR TO BE NOTIFIED
 Name Arthur St. Clair
 Address P.O. Box 157
Brenton, WV 24818
- 9) DRILLING CONTRACTOR:
 Name unknown
 Address _____
- 10) PROPOSED WELL WORK: Drill X / 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, 5057 feet
 13) Approximate trata depths: Fresh, 50 feet; salt, 500 feet.
 14) Approximate coal seam depths: none Is coal being mined in the area? Yes _____ / No X

RECEIVED
 APR 10 1984

OIL & GAS DIVISION
 DEPT. OF MINES

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		
Conductor	13 3/8	H-40	48	X		300	300	to surface Kinds
Fresh water								
Coal								Sizes
Intermediate	7	J-55	17	X		1358	1358	150 sacks as req. by rule 15.01
Production	4 1/2	J-55	9.5	X		5010	5010	300 sacks Depths set
Tubing								
Liners								Perforations: Top Bottom

OFFICE USE ONLY
 DRILLING PERMIT

Permit number 47-081-0643 Date May 3, 19 84

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 May 3, 1986 unless well work is commenced prior to that date and prosecuted with due diligence.

BUNKET	Agent: <u>LS</u>	Plat: <u>MHV-5</u>	Casing	Fee
				<u>3499</u>

[Signature]

Administrator, Office of Oil and Gas

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