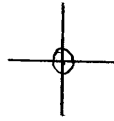


LATITUDE 39° 32' 30"



LONGITUDE 88° 02' 00"

7'5 OGIS topo location

7.5' loc	<u>1.14 S</u>	15' loc	<u>4.02 S</u>
	<u>1.21 W</u>	(calc.)	<u>1.21 W</u>

Company _____

Farm _____

Quad New Martinsville SC

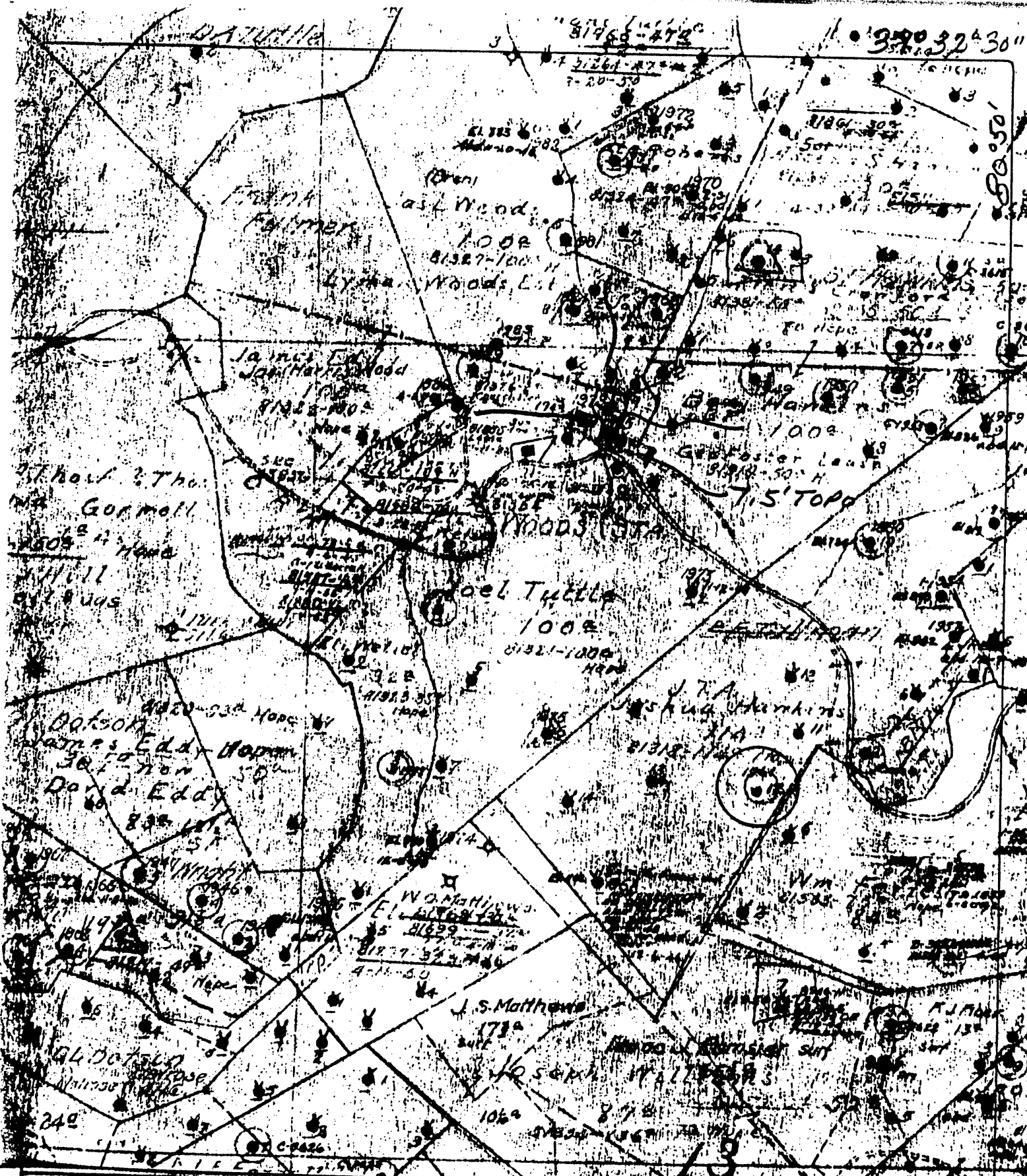
County PORTERS FALLS 7 1/2'

County TYLER

District ELLSWORTH

WELL LOCATION MAP

File No. 095 - 1540



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

FORM IV-6 (8-78)

556 N6 W13

STATE OF WEST VIRGINIA
DEPARTMENT OF MINES
OIL AND GAS DIVISION

DATE Jan 2, 19 79
OPERATOR'S WELL NO 178
API WELL NO. 47-095-540-
STATE COUNTY PERMIT

WELL TYPE: OIL GAS LIQUID INJECTION WASTE DISPOSAL
(IF "GAS", PRODUCTION STORAGE DEEP SHALLOW
LOCATION: ELEVATION 753.00 WATER SHED ELK FORK
DISTRICT Elliott COUNTY Tyler
QUADRANGLE PORTERS FALLS T.5'

SURFACE OWNER _____ ACREAGE _____
OIL & GAS ROYALTY OWNER _____ 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) _____

PLUG AND ABANDON CLEAN OUT AND REPLUG
TARGET FORMATION _____ ESTIMATED DEPTH _____
WELL OPERATOR Pennzoil Company DESIGNATED AGENT James A. Grove
ADDRESS P. O. Box 1588 ADDRESS P. O. Box 1588
Parkersburg, WV 26101 Parkersburg, WV 26101

S.T.A. HAWKINS-12

47-095-0540

OIL & GAS DIVISION
DEPT. OF MINES

AUG 21 1980

RECEIVED

WELL NO. <u>12</u>	NAME <u>East</u>	LEASE NO. <u>6050</u>	ACRES <u>14.4</u>	N. <u>3</u>	E. <u>1</u>	W. <u>1</u>	DISTRICT <u>PIN GROVE</u>
County <u>Lincoln</u>	District or Twp. <u>Lincoln</u>	Elevation at Mouth of Well					
State <u>Ill.</u>	Completed <u>8/19/78</u>	Formation <u>Pittsburgh Coal</u>	Top	Bottom	Thickness	Oil ft.	Gas ft.
Contractor <u>PERKINS COAST CO</u>	Purchased From <u>PERKINS COAST CO</u>	Red Rock Cave					
Date Purchased <u>1-26-78</u>	Date Connected <u>8/19/78</u>	Cow Run (First)					
Said To <u>1-26-78</u>	Date Sold	Ore Run (Second)					
Date Plugged	Date Abandoned	Salt Sand (Upper)					
		Salt Sand (Middle)					
		Salt Sand (Lower)					
		MASSON					
		Little Lias					
		Pennel Cave					
		B.S. Lime					
		Hoover Sand					
		Inj. Sand					
		Saw. Sand					
		Wire Sand					
		Bore Sand					
		Canal Sand					
		Fifty Foot Sand					
		Thirty Foot Sand					
		Orrdon Stray					
		Gordon Sand					
		Fogel Sand					
		Fris Sand					
		Carthage Lime					
		Niagara Lime					
		Cave					
		Clinton					
		Reading Shale					
		Trancon					
		Total Depth					
		Remarks					

Date	Gas	Sand	Depth	Per Foot	ATFR
9/13/78	5				
11-10-78	20				

Size	Put in Well	Left in Well	Put in
15 in. Casing			
10 in. Casing	135		105
8 1/2 in. Casing	120		920
6 1/2 in. Casing			
5 1/2 in. Casing			
4 1/2 in. Casing			
2 in. Tubing			
1 in. Tubing			
1 in. Tubing			

SHOOTING

PERKINS COAST CO
CASING AND TUBING

Initial Oil Production
Initial Open Flow