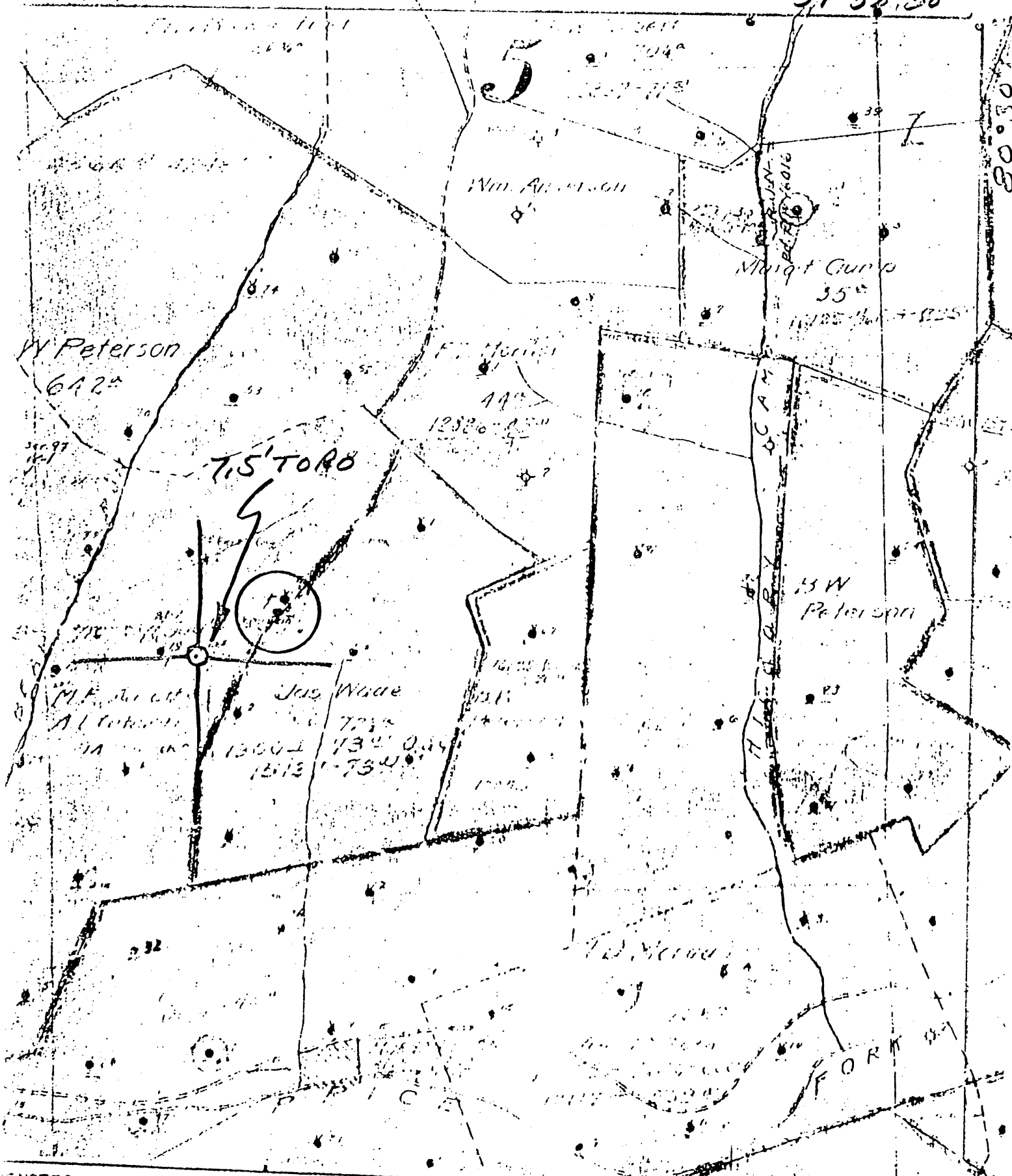


39°32'30"



NOTES LOCATION OF
ON UNITED STATES
GRAPHIC MAPS

IV-6
78
NAEG



DATE 1-8- 1979
 OPERATOR'S WELL NO. 1
 API WELL NO. 47-103-1068
 STATE COUNTY PERMIT

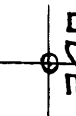
STATE OF WEST VIRGINIA
 DEPARTMENT OF MINES
 OIL AND GAS DIVISION

TYPE: OIL GAS LIQUID INJECTION WASTE DISPOSAL
 (IF "GAS", PRODUCTION STORAGE DEEP SHALLOW
 LOCATION: ELEVATION _____ WATER SHED PRICE RUN
 DISTRICT GRANT COUNTY WETZEL
 QUADRANGLE BIG RUN 7.51
 LEASE OWNER _____ ACREAGE _____
 GAS ROYALTY OWNER _____ LEASE NO. _____ LEASE ACREAGE _____
 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 REPLUS
 ESTIMATED DEPTH _____
 OPERATOR Pennzoil Company DESIGNATED AGENT James A. Crews
 ADDRESS P. O. Box 1538 ADDRESS P. O. Box 1538
Parkerburg, WV 26101

LATITUDE 39° 32' 30"

80° 32' 30"

LONGITUDE



7'5 OGIS topo location

7.5' 10C 1.99S 15' 10C _____
' 0.12W (calc.) _____

Company _____

Farm _____

Quad BIG RUN 7 1/2'

County WETZEL

District GRANT

WELL LOCATION MAP

File No. 103-1068

Well No. 1
 Lease No. Peterson - Campbell
 Rig built by Hays District
 Well drilled by D. P. Co. Wetzler
 Began drilling July 23 1913
 Completed May 16 1914
 Contractor.

ROCK FORMATION	TOP	BOTTOM	S. L. M.	REMARKS
Wood Conductor		16		
Butler Coal	1135	1142		
Gas sand	1770	1840		
1st sand "	1950	2020		
2nd " "	2075	2162		
Water	2110			
Little Lume	2362	2375		
Little Cave	2375	2380		
Big Lume	2380	2442		
" Lume	2442	2619		
Oil & Gas show	2530			
Oil show	2577			
Stray sand	3167	3207		
Gravel	3240	3257		
Fourth sand	3265	3275		
Gas & Oil	3273			
Total depth		3278	3278	
Stole filled up	2537			
Lead Plug	2548			
Total depth		2537		

CASING RECORD												
Size	CHARGED TO WELL		PUT IN WELL		PULLED OUT		LEFT IN WELL		Transferred before Completion		Left at Well Not in Use	
	Feet	In.	Feet	In.	Feet	In.	Feet	In.	Feet	In.	Feet	In.
Con			16									
10			783	9	783	9			Shot 5/26/14			
8 1/4			1643						30 2 1/2			
6 3/8			2411						Big Jug Shot 6/16/14 - 70 ft.			

Production First 24 Hours: _____ Bbls. Signed *A L Chambers* Supt