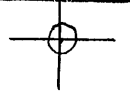


LATITUDE 39° 40' 00"



00.01.08 LONGITUDE

7'5 OGIS topo location

7.5' loc 0.075 15' loc \_\_\_\_\_  
' 0.23 w (calc.) \_\_\_\_\_

Company \_\_\_\_\_

Farm \_\_\_\_\_

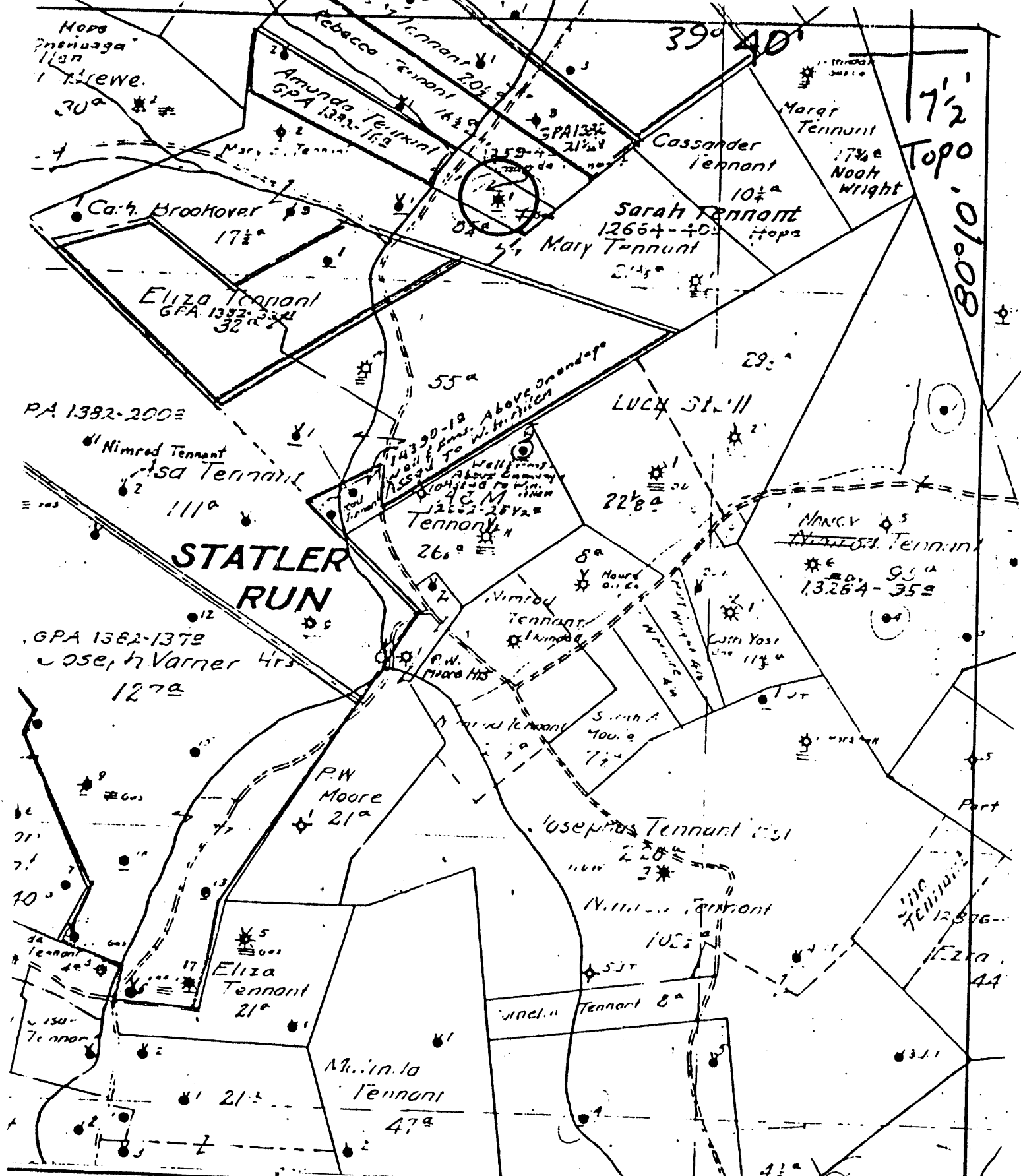
Quad BLACKSVILLE 7 1/2'

County MONONGALIA

District CLAY

WELL LOCATION MAP

File No. 061-0520



INDICATES LOCATION OF  
WELL ON UNITED STATES  
TOPOGRAPHIC MAPS



DATE NOV. 30, 1978  
 OPERATOR'S WELL NO. 1978  
 API WELL NO. 47-061-0520  
 STATE COUNTY PERMIT

12 E N15 E25 STATE OF WEST VIRGINIA  
 DEPARTMENT OF MINES

OIL AND GAS DIVISION  
 WELL TYPE: OIL    GAS X LIQUID INJECTION    WASTE DISPOSAL     
 (IF "GAS", PRODUCTION    STORAGE    DEEP    SHALLOW X)  
 LOCATION: ELEVATION    WATER SHED STATLER RUN  
 DISTRICT CLAY COUNTY     
 QUADRANGLE Blacksville 7 1/2

FACE OWNER    ACREAGE 4  
 GAS ROYALTY OWNER    LEASE NO. 1259 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. Crews  
 ADDRESS P. O. Box 1588 ADDRESS P. O. Box 1588  
Parkersburg, WV 26101 Parkersburg, WV 26101

AMANDA TENNANT - 1

Well No. H. W. Amanda Tennant Farm Acres  
 Lease No. Clay Township Monongalia County W. Va. State  
 Contractor S. P. G. Out Tools Contractor  
 Drilling Commenced June 10, 1925 Drilling Completed Aug. 6, 1925  
N. 15 S. E. 25 W.

Rock Formation	Top	Bottom	Steel Line Measurement	Remarks
Pittsburg Coal	580			
Big Indian Sand	1885	2051		
Started to D. D.			2008	
Santa Sand	2448	2476		
Fifty Foot Sand	2495	2550		
Gordon Sand	2790	2800		
Fourth Sand	2820	2832		
4 1/2" x 4" Limer			2823	
Fifth Sand	2970	2995	2970	
Gas (8/10 W - 1")	2972		2972	
Gas (6/10 W - 2")	2987	2990	2987	
Bayard Sand	3014	3020	3014	
Slab (18/10 W - 2")	3015		3015	
Total Depth		3083	3083	

Minute Pressure Test

Date	Opening	1	2	3	4	5	10	15	1 hr. R.P. No.
8-7-25	2"	28	40	49	74	87	147	188	286 345 24

CASING RECORD AS TALLIED. NOT STEEL LINE MEASUREMENT

Size	Put in Well		Pulled Out		Left in Well		Shot Date
	Feet	In.	Feet	In.	Feet	In.	
8 1/4	853						Sand Result  Packer Size 2" x 4" x 10"  Depth Set 2828'
6 5/8	1602						
6 7/16	1885						
4 1/2 x 4	879						
2"	3103						

Production First 24 Hours -- Bbls. Gas Test 17/10 Water 2 1/2 @ Bay  
 Approved by J. N. Weaver Superintendent

47-061-0520