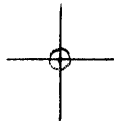


LATITUDE 39° 40' 00"



LONGITUDE 80° 07' 30"

7'5 OGIS topo location

7.5' loc 0.195 15' loc _____
' 1.70W (calc.) _____

Company _____

Farm _____

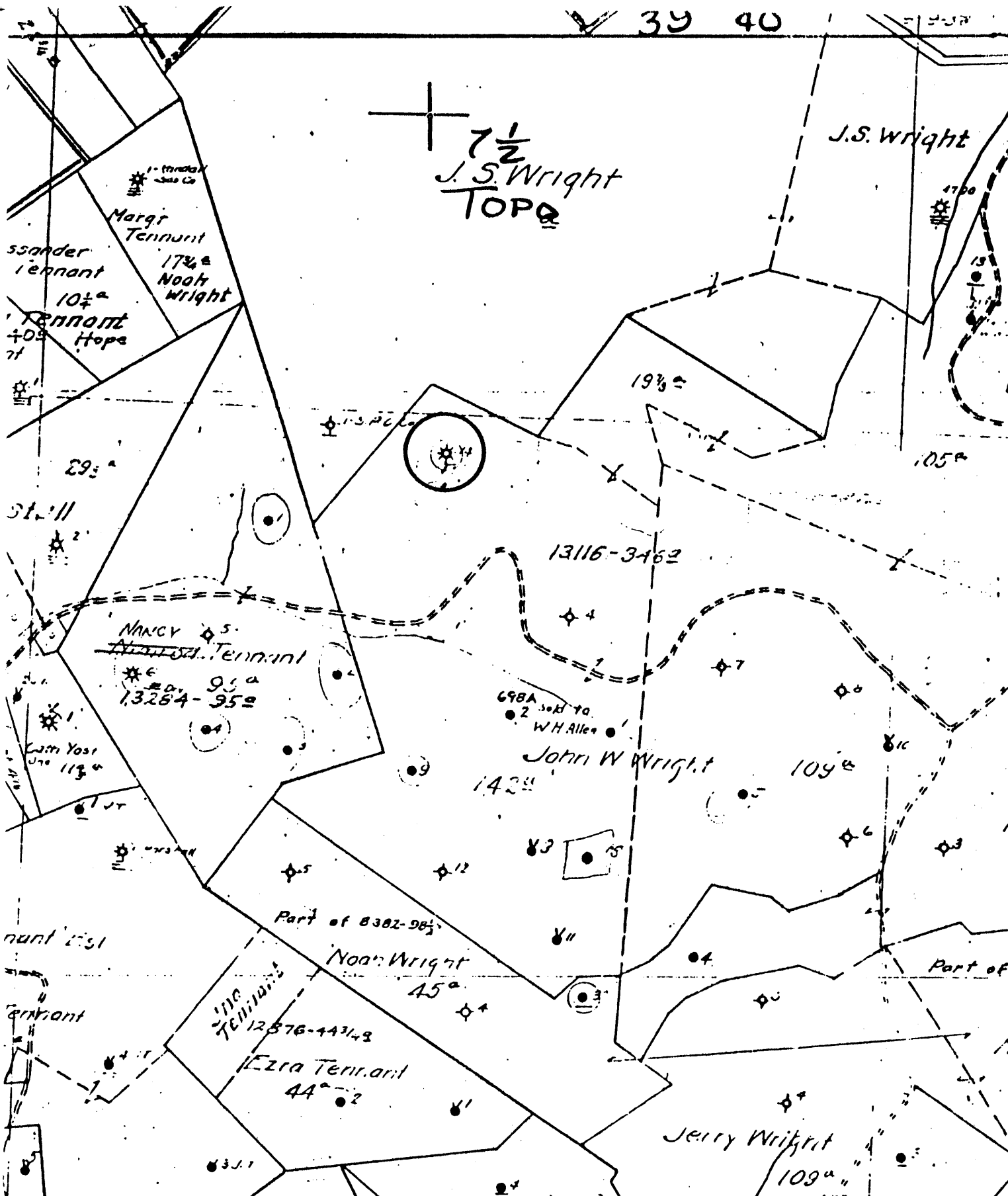
Quad BLACKSVILLE 7 1/2'

County MONONGALIA

District CLAY

WELL LOCATION MAP

File No. OGI-0443



(+) DENOTES LOCATION OF WELL ON UNITED STATES TOPOGRAPHIC MAPS
 FORM IV-6
 (8-78)



DATE NOV 30, 1978
 OPERATOR'S WELL NO 14
 API WELL NO. 47-061-0443
 STATE COUNTY PERMIT

N72E N4E26

STATE OF WEST VIRGINIA
 DEPARTMENT OF MINES
 OIL AND GAS DIVISION

WELL TYPE: OIL GAS LIQUID INJECTION WASTE DISPOSAL
 (IF "GAS", PRODUCTION STORAGE DEEP SHALLOW
 LOCATION: ELEVATION _____ WATER SHED STATLER RUN
 DISTRICT CLAY COUNTY MONROGALLIA
 QUADRANGLE BLACKSVILLE
 SURFACE OWNER _____ ACREAGE 346
 OIL & GAS ROYALTY OWNER _____ LEASE ACREAGE _____
 LEASE NO. 13116
 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

Well No. 14 *John W. Wiggins*
 Lease No. *6-6-14*
 District *Monroe* County *W. Va.* State
 Contractor *South Penn Oil Co.* Contractor *W. J. Jacobs*
 Drilling Commenced *March 12, 1923* Drilling Completed *May 31, 1923*
 N. *14* S. *E. 26-77* W.

ROCK FORMATION	TOP	BOTTOM	Steel Line Measurement	REMARKS	Elev
	14				El: 1274.00 Gr: 1272.00
Conductor	394	397			
Fairview sand	634	638			
Whittum sand	734	743	734		
Critchburg			760		
10" casing	1090	1100			
Little Run sand	1240	1312			
Big Run sand	1510	1566			
1st salt sand	1579	1584			
2nd salt sand			1581		
8 1/2" casing	1594	1740			
3rd salt sand	1625	1673			
High Foot Water	1940	1450			
Little Run	1950	1954			
Piney Cove	1954	2037			
Big Run			1954		
6 1/2" casing			1969		
Big Run sand	2037	2210			
Big Run sand	2139	2144	2037		
How Run sand	2280	2340	2139		
How Run sand	2605	2690			
How Run sand	2650	2690	2650		
Big Run sand	2950	2950			
How Run sand			2650		

CASING RECORD AS TALLIED. NOT STEEL LINE MEASUREMENT

SIZE	PUT IN WELL		PULLED OUT		LEFT IN WELL		Shot Date	Amount Sand Result	Packer Size	Depth Set
	FEET	IN.	FEET	IN.	FEET	IN.				
10"	766				766		6/19/23			
8 1/2"	1591				1591		20 9/16			
6 5/8"	2001	6			2001	6				
5 3/16"	2971				2971					
4 1/2"	167	3			167	3				

Lease No. *0* District *192* County *192* State *192*
 Drilling Commenced *N.* Drilling Completed *E.* Contractor *192* Contractor *192*
 N. *14* S. *E. 26-77* W.

ROCK FORMATION	TOP	BOTTOM	Steel Line Measurement	REMARKS
5 3/16" casing	2959	2983	2949	
Gordon sand	2987	3027	2959	
Bunch sand	3040	3080	2987	
Line sand	3124	3148	3124	
Field sand	3158	3175	3158	
Bayard sand	3164	3262	3164	
Also			3262	
Total Depth				

CASING RECORD AS TALLIED. NOT STEEL LINE MEASUREMENT

SIZE	PUT IN WELL		PULLED OUT		LEFT IN WELL		Shot Date	Amount Sand Result	Packer Size	Depth Set
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5 3/16"	2971				2971					
4 1/2"	167	3			167	3				

47-061-044