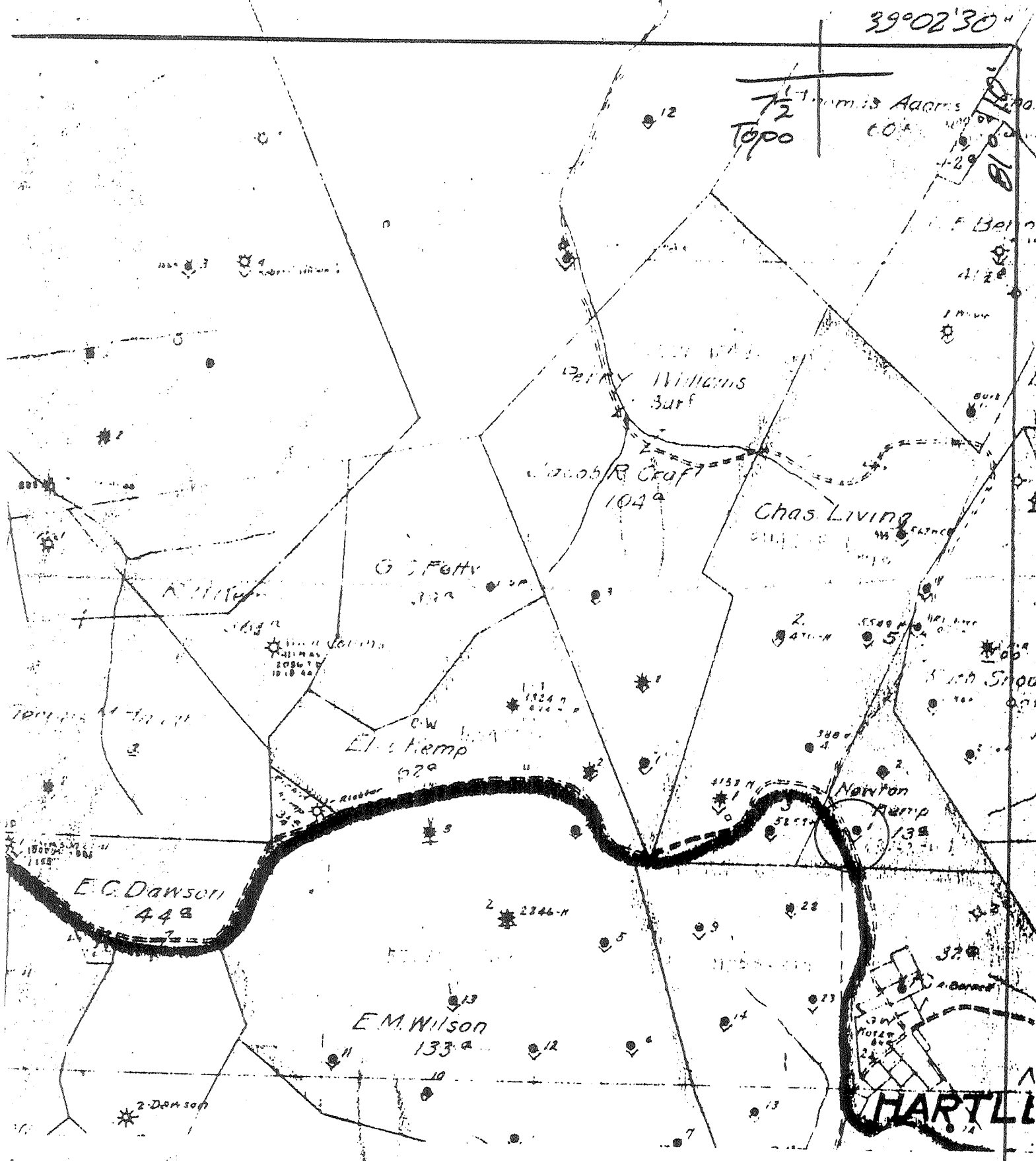


39°02'30"



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

FORM IV-6
(8-78)
13 S28 W31



DATE Dec 28, 1978
 OPERATOR'S WELL NO. 1
 API WELL NO. 47-085-4066
 STATE COUNTY PERMIT

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 Dutchman Run
 DISTRICT Murphy COUNTY Ritchie
 QUADRANGLE MacFarlan 7 1/2

SURFACE OWNER _____ ACREAGE _____
 OIL & GAS ROYALTY OWNER _____ LEASE NO. _____ LEASE ACREAGE _____

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 _____ 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

Newton Kemp - 1

47-085-4066 -

Well No. 1 *Newton Kemp* Farm 13 Acres
 Lease No. 68782 *Murphy* District *Ritchie* County *W. Va.* State
U. S. Rye Contractor *SOUTH PENN DRILLING TOOLS AC.* Contractor
 Drilling Commenced *June 16, 1918* Drilling Completed *July 12, 1918*
 N. S. 27 E. W. 31-2

ROCK FORMATION	TOP	BOTTOM	STEEL LINE MEASUREMENT	REMARKS
Wooden Conductor		16		
Gas by Rock	1060	1080	1065	
Slate	1080	1215		
Sand	1215	1240	EI - 1148.00	
Slate	1240	1300		
Sand	1300	1450		
Slate	1450	1515		
Sand	1515	1550		
Slate	1550	1600	1600	
fine sand	1600	1725		
Slate	1725	1730		
Spl't Sand		1730	1730	
Spl't Sand / broken	1730	1775	1747	
Spl't Sand Oil	1816	1840	1815	
Total Depth		1844	1844	

CASING RECORD AS TALLIED. NOT STEEL LINE MEASUREMENT

SIZE	PUT IN WELL		PULLED OUT		LEFT IN WELL		Shot Date <i>Nov 10, 1918</i> Amount <i>90 lbs</i> Sand Result Packer Size <i>None Used</i> Depth Set
	FEET	IN.	FEET	IN.	FEET	IN.	
10"	230	8"	230	8"			
8 1/4"	1071	-	1071	-			
6 5/8"	1607	-					

Production First 24 Hours *245* Bbls. Gas Test

Approved by...

U. S. Rye

Superintendent