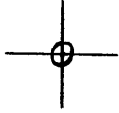


LATITUDE 39° 30' 00"

LONGITUDE 80° 32' 30"



7'5 OGIS topo location

7.5' loc	<u>1.40 S</u>	15' loc	_____
	<u>1.31 W</u>	(calc.)	_____

Company _____

Farm _____

Quad Folsom 7 1/2'

County WETZEL

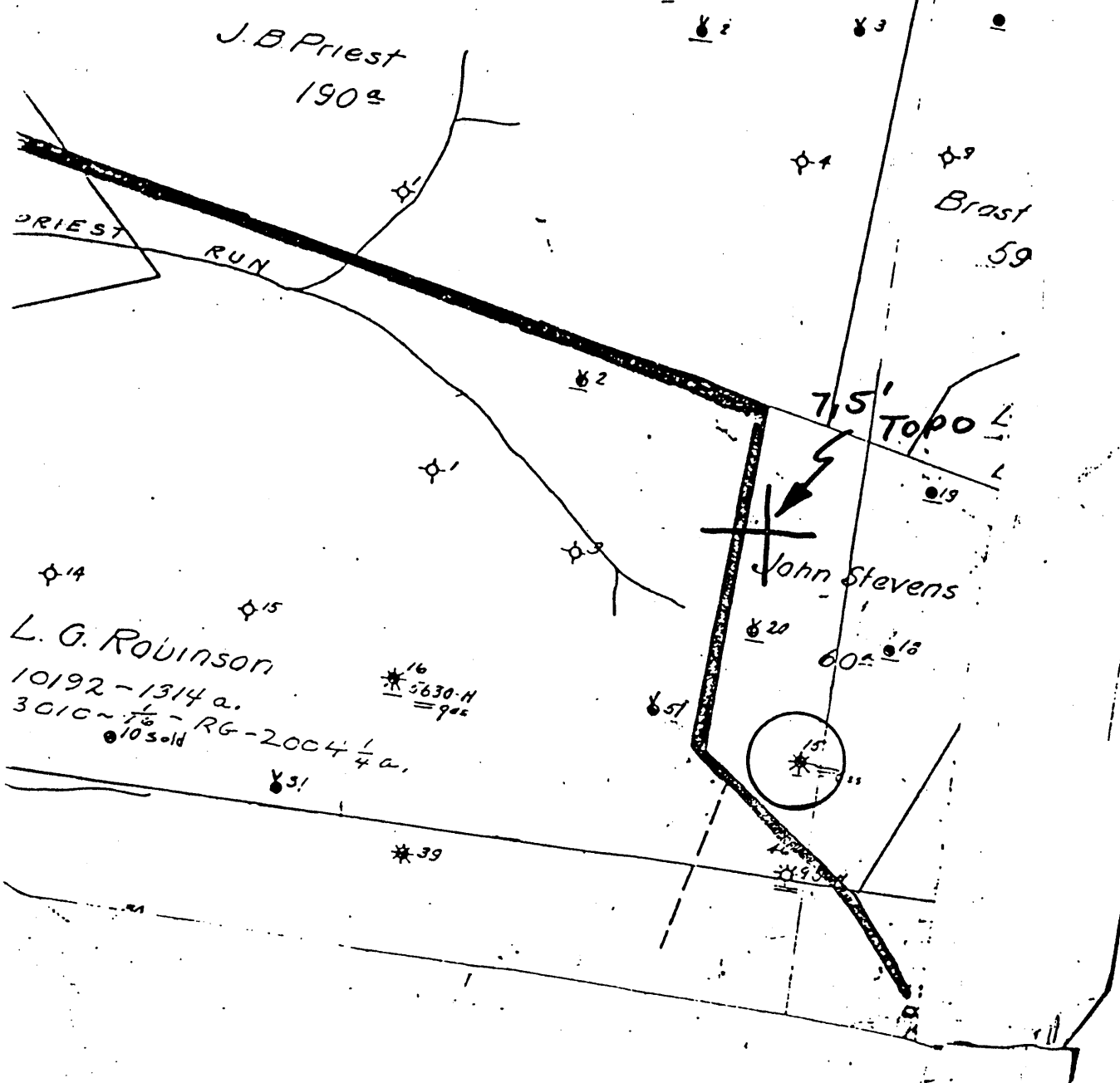
District GRANT

WELL LOCATION MAP

File No. 103 - 1129

390301

80°32'50"



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

FORM IV-6 (8-78)

N58 N3 E3



DATE Nov 30, 1978

OPERATOR'S WELL NO 15

API WELL NO.

47-103-1129

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 1100 WATER SHED Arches Fork

DISTRICT Grant COUNTY Wetzel

QUADRANGLE Folsom 7 1/2'

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) _____

PLUS AND ABANDON CLEAN OUT AND REPLUS 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

JOHN STEVENS - 15

Well No. 15 *John Stevens* Farm _____ Acres _____
 Lease No. *1253 Grant* Township *North* District *North* County *St. Va.* State _____
 Contractor *Clearing Out Tools* Contractor _____
 Drilling Commenced *Sept. 17, 1923* Drilling Completed *Oct. 24, 1923*
 N. 3 S. E. 3 W.

Rock Formation	Top	Bottom	Steel Line Measurement	Remarks
<i>Big Injun</i>		2503		
<i>Fifty Foot Sand</i>	2942	2548		
<i>Thirty Foot Sand</i>	3099	3109		
<i>Shaly Sand</i>	3161	3173		
<i>Gas</i>		3167		<i>84 NCF</i>
<i>Gordon Sand</i>	3174	3184		<i>4 1/2 Water 2" (at 2 1/2)</i>
<i>Gas</i>		3183		
<i>Fourth Sand</i>	3231	3234		<i>69/10 Water 2"</i>
<i>Total Depth</i>		3277		<i>327 NCF</i>

Minute Pressure Test Taken Nov. 12, 1923 - 2" opening.
 1 2 3 4 5 6 7 8 9 10 30 60 hrs. Rock
 1/2 35 45 52 57 62 65 66 67 68 69 76 81 24 1923

"Refer to Book #1 for drilling"

Minute Pressure Test:

Date	Sand	Size of opening	1 Min	2	3	4	5	10	15	1 hr	RP	LP	AP
5/12/24	Gordon	2"	26	40	47	52	56	65	70	75	90	36	65
5/12/24	Fifty Foot	5/16"	0	0	0	0	3	10	12	24	140	36	65

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.	
6 7/8"	3	-					Amount Sand Result
5"	2970	-					
2"	3292	-					

Packer Size *5 1/16 x 2 x 16*
 Depth Set *3160*
50 feet sand depth - 20 1/2 x 1/2"
Gordon shale 70 feet
Nov. 12, 1923 - 34 1/2 W. 2"

Production First 24 Hours _____ Bbls. Gas Test _____
 Approved by *F. P. McLee* Superintendent