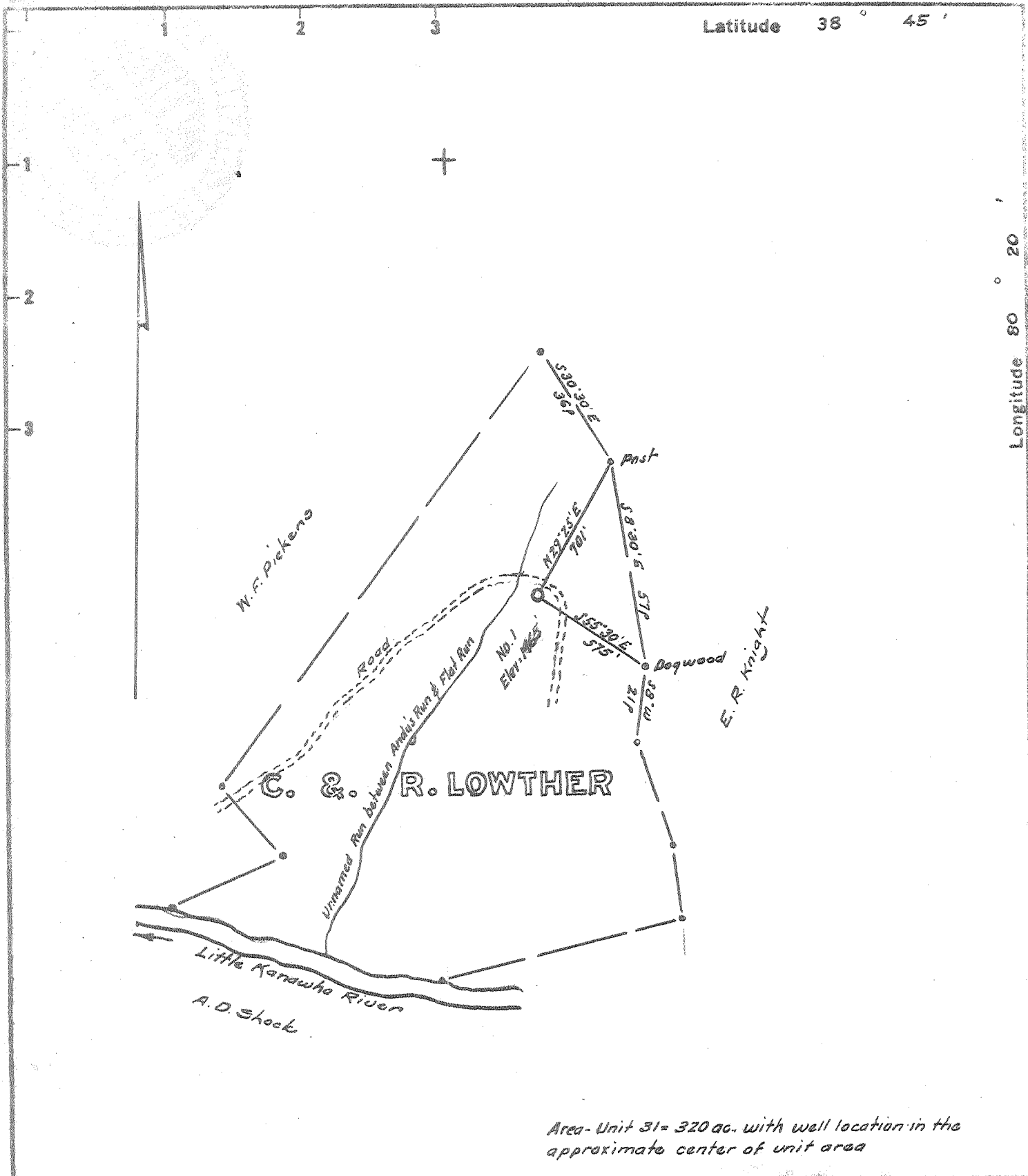


Latitude 38° 45'

Longitude 80° 20'



Area - Unit 31 = 320 ac. with well location in the approximate center of unit area

- Fracture Before 6/5/29
- New Location
- Drill Deeper
- Redrill
- Abandonment

I, the undersigned, hereby certify that this map is correct to the best of my knowledge and belief and shows all the information required by Paragraph 5 of the Rules and Regulations of the Oil and Gas Section of the Mining Laws of West Virginia.
 The accuracy of this survey is within the limits and as prescribed in paragraph 5 by the Oil and Gas Division of the Department of Mines Regulations.
PROVEN ELEVATION El. M. Williams Camp 1079.77

Company STATEWIDE OIL AND GAS CO.
 Address 224 S. Greenwood St. Marion, Ohio
 Farm Unit 31 - Garland Ruby Jean Lowther tract.
 Tract _____ Acres 85.5 Lease No. _____
 Well (Farm) No. One Serial No. _____
 Elevation (Spirit Level) 1465
 Quadrangle Hacker Valley *NE*
 County Lewis District Collins Sett.
 Engineer W. H. Hester
 Engineer's Registration No. 1227
 File No. _____ Drawing No. _____
 Date January 4, 1968 Scale 1" = 600'

STATE OF WEST VIRGINIA
 DEPARTMENT OF MINES
 OIL AND GAS DIVISION
 CHARLESTON
WELL LOCATION MAP
 FILE NO. LEW-1600

+ Denotes location of well on United States Topographic Maps, scale 1 to 62,500 latitude and longitude lines being represented by border lines as shown.
 — Denotes one inch spaces on border line of original tracing.

38-45
2-1



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AUG 7 1970

STATE OF WEST VIRGINIA
DEPARTMENT OF MINES
OIL AND GAS WELLS DIVISION

OIL & GAS DIVISION
DEPT. OF MINES
Rotary
Squidles
Cable Tools
Storage

Quadrangle Hacker Valley

Permit No. LEW-1600

WELL RECORD

Oil or Gas Well (GAS)
(KIND)

Company STATEWIDE OIL & GAS COMPANY
 Address 1307 COLLEGE ROAD MASON, MICH
 Farm CARL J. & RUBY LOWTHER Acres 56
 Location (waters) LITTLE KANAWHA RIVER
 Well No. ONE - 1-31 Elev. 1465
 District COLLINS SETTLEMENT County LEWIS
 The surface of tract is owned in fee by CARL J. LOWTHER
 Address WILDCAT W, VA
 Mineral rights are owned by SAME
 Address _____
 Drilling commenced MAY 29, 1968
 Drilling completed JUNE 27, 1968
 Date Shot _____ From _____ To _____
 With _____
 Open Flow _____ /10ths Water in _____ Inch
 _____ /10ths Merc. in _____ Inch
 Volume _____ Cu. Ft.
 Rock Pressure _____ lbs. _____ hrs.
 Oil _____ bbls., 1st 24 hrs.
 WELL ACIDIZED (DETAILS) _____
 WELL FRACTURED (DETAILS) 2500 BBLs H₂O 140,000 # 20/40 SAND 500 GAL ACID
+ AUXILLARY CHEMICALS
 RESULT AFTER TREATMENT (Initial open Flow or bbls.) 150,000 CUFT GAS 150 MCF GPD
 ROCK PRESSURE AFTER TREATMENT NOT TAKEN HOURS _____
 Fresh Water 125' Feet _____ Salt Water 4980' Feet _____
 Producing Sand HUNTERSVILLE CHERT Depth 6735 - 6945

Casing and Tubing	Used in Drilling	Left in Well	Packers
Size			Kind of Packer
16			
13 3/8	40	40	
10			Size of
8 5/8 "	2318	2318	
6 5/8			Depth set
5 3/16			
4 1/2	7030	7030	
3			Perf. top
2			Perf. bottom
Liners Used			Perf. top
			Perf. bottom

Attach copy of cementing record.
 CASING CEMENTED 4 1/2 SIZE 7030 No. Ft. 6-27-68 Date
 Amount of cement used (bags) 120 BAGS
 Name of Service Co. DOWELL (LAWSON SURFACE)
 COAL WAS ENCOUNTERED AT _____ FEET _____ INCHES
 _____ FEET _____ INCHES NO COAL FEET _____ INCHES
 _____ FEET _____ INCHES _____ FEET _____ INCHES
140,000 # 20/40 SAND 500 GAL ACID
150,000 CUFT GAS 150 MCF GPD
4980' Feet
 Depth 6735 - 6945

Formation	Color	Hard or Soft	Top	Bottom	Oil, Gas or Water	Depth	Remarks
SAND & SHALE			0	1344	WATER	125'	FRESH
BIG LIME			1344	1509			
Benson				1559			
BENSON			3710	3738	GAS	3722	SHOW
SAND & SHALE			3738	6696	WATER	4980	SALTY
MARCELLUS SHALE			6696	6735			
HUNTERSVILLE CHERT			6735	6945	GAS	6735-6945	SHOW
ORISKANY			6945	7014			
HELDERBERG LIME			7014	TD 7041			
TD 7041							

(over)

AUG 17 1970