

New Location
 Drill Deeper
 Abandonment

Minimum Error of Closure 1 Part in 200
 Source of Elevation Elev 719' Road Intersection
ORCHARD RUN & HENRY FORK
 "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 6 of the rules and regulations of the oil and gas section of the mining laws of West Virginia."

Company ~~FARMER GROUP~~
 Address 615 B Georgia St. CHARLESTON, W. Va.
 Farm HAL McMILLION ET AL.
 Tract _____ Acres 15 Lease No. _____
 Well (Farm) No. 1 Serial No. _____
 Elevation (Spirit Level) 764.6
 Quadrangle ARNOLDSBURG SW
 County POWELL District SMITHFIELD
 Engineer N. S. Lepton
 Engineer's Registration No. 1832
 File No. _____ Drawing No. _____
 Date DEC 20 1968 Scale 1" = 200'

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

WELL LOCATION MAP
 FILE NO. 100-1690

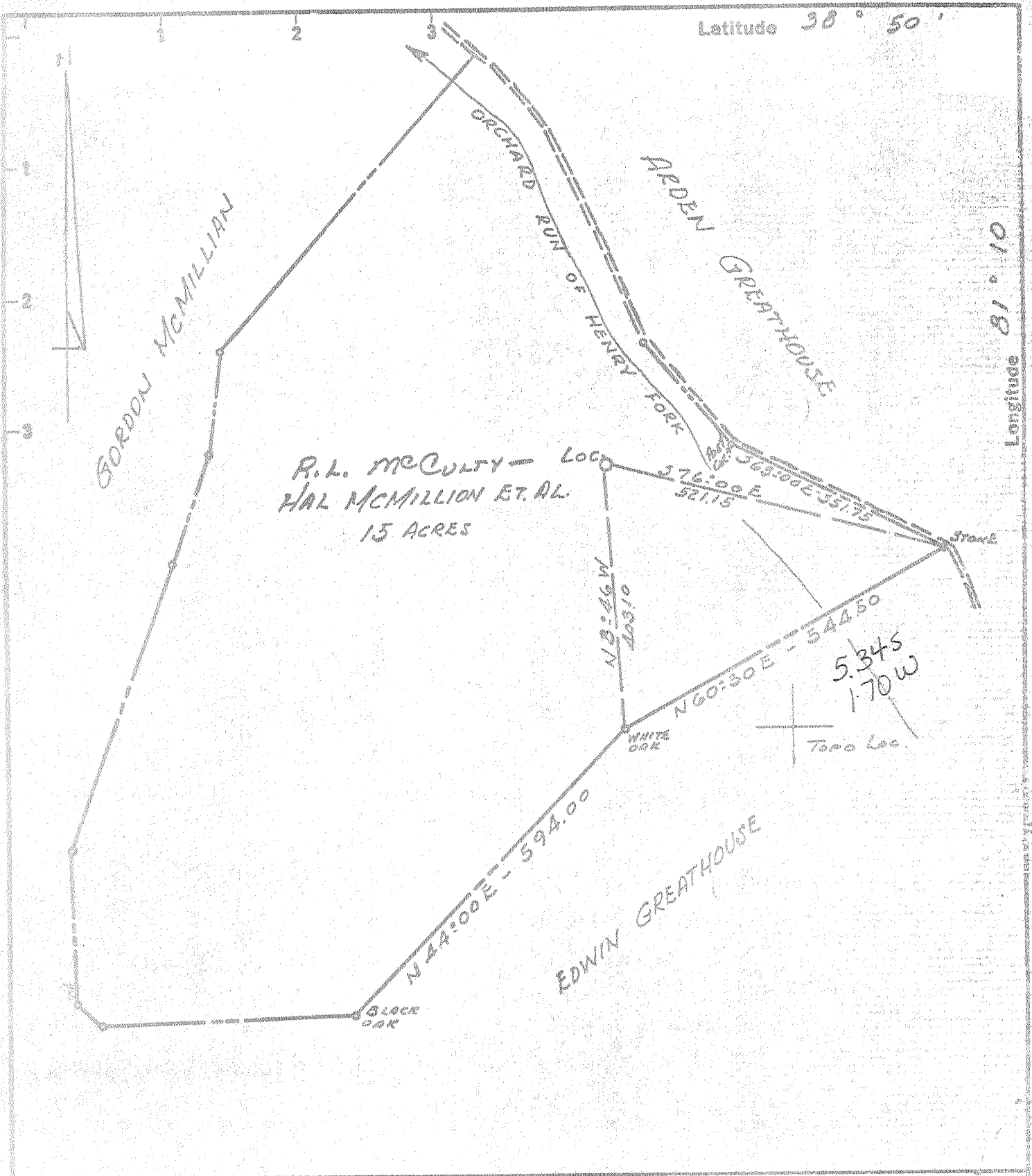
+ Denotes location of well on United States Topographic Maps, scale 1 to 62,500 latitude and longitude lines being represented by border lines as shown.

- Denotes one inch spaces on border line of original tracing.

Deep Well (TUSC)
 JAN 26 1969

5-2 Unnamed 0

2A, W/5/1000
1/17/69 CE



Minimum Error of Closure 1 Part in 200'
 Source of Elevation Elev 719' Road Intersection
ORCHARD RUN & HENRY FORK
 "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 6 of the rules and regulations of the oil and gas section of the mining laws of West Virginia."

Company W. B. SEARD
 Address 515 S. Georgia St. Charleston, W. Va. 25311
 Farm HAL McMILLION ET AL.
 Tract _____ Acres 15 Lease No. _____
 Well (Farm) No. 1 Serial No. _____
 Elevation (Spirit Level) 764.6
 Quadrangle ARNOLDSBURG SW
 County ROANE District SMITHFIELD
 Engineer N. J. Defton
 Engineer's Registration No. 1832
 File No. _____ Drawing No. _____
 Date DEC 20 1968 Scale 1" = 200'

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

WELL LOCATION MAP
 FILE NO. RO-1690-P

+ 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.

5-2 unnamed

Deep well

JUN 15 1970



STATE OF WEST VIRGINIA
DEPARTMENT OF MINES
OIL AND GAS DIVISION

Rotary
Spudder
Cable Tools
Storage
Oil or Gas Well **Gas**
(KIND)

Quadrangle Oriskany
Permit No. ROA 1690

WELL RECORD

Company <u>Allen Beard</u>	Casing and Tubing	Used in Drilling	Left in Well	Packers
Address <u>804 Commerce Sq., Charleston, W. Va.</u>	Size			Kind of Packer
Farm <u>McMillan - McCulty</u> Acres <u>15</u>	16 <u>20"</u>	<u>20</u>	<u>20</u>	
Location (waters) <u>Orchard Run</u>	13	<u>90</u>	<u>90</u>	
Well No. <u>1</u> Elev. <u>764.6</u>	10 <u>9 5/8</u>	<u>1850</u>	<u>1850</u>	Size of
District <u>Smithfield</u> County <u>Roane</u>	8 1/4			Depth set
The surface of tract is owned in fee by	6 5/8			
Address	5 3/16			
Mineral rights are owned by <u>R. L. McCulty</u>	4 1/2			Perf. top. <u>5688</u>
Address <u>Spencer, W. Va.</u>	3			Perf. bottom <u>5703</u>
Drilling commenced <u>4/22/69</u>	2			Perf. top
Drilling completed <u>7/01/69</u>	Liners Used			Perf. bottom
Date Shot From To				
With				
Open Flow /10ths Water in Inch	Attach copy of cementing record.			
/10ths Merc. in Inch	CASING CEMENTED <u>11/24/69</u> <u>13</u> No. Ft. <u>90'</u> Date			
Volume Cu. Ft.	Amount of cement used (bags)			
Rock Pressure lbs. hrs.	Name of Service Co. <u>Dowell</u>			
Oil bbls., 1st 24 hrs.	COAL WAS ENCOUNTERED AT <u>None</u> FEET INCHES			

WELL ACIDIZED (DETAILS)

WELL FRACTURED (DETAILS) 880 BW; 30,000% Sand; 500 Acid; BDP 2200; ATP 2000; SIP 1200

RESULT AFTER TREATMENT (Initial open Flow or bbls.) 10,500 mcf/gpd

ROCK PRESSURE AFTER TREATMENT 2210 HOURS 24

Fresh Water Feet Salt Water Feet

Producing Sand Oriskany Depth 5698

Formation	Color	Hard or Soft	Top	Bottom	Oil, Gas or Water	Depth	Remarks
Surface, etc.			0	5516			
✓ Corniferious			5516	5697			
✓ Oriskany			5697	5768			
✓ Newburg			6752	6770			
✓ Keefer			7094	7144			
✓ Clinton Tuscarora			7618	7723			
T. D. Juniata				7790			
				<u>615</u>			Plugged back to 5960
					<u>6752</u>	<u>6752</u>	
					<u>5697</u>	<u>765</u>	
					<u>1055</u>	<u>5987</u>	
			<u>5518</u>	<u>5687</u>	<u>5766</u>		
			<u>776</u>	<u>776</u>	<u>776</u>		
			<u>4742</u>	<u>4911</u>	<u>4990</u>		

DECLINED
JUN 5 1970
OIL & GAS DIVISION