

New Location   
 Drill Deeper   
 Abandonment

Minimum Error of Closure 1-200  
 Source of Elevation Mouth of COHEN BR. 700'

"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."

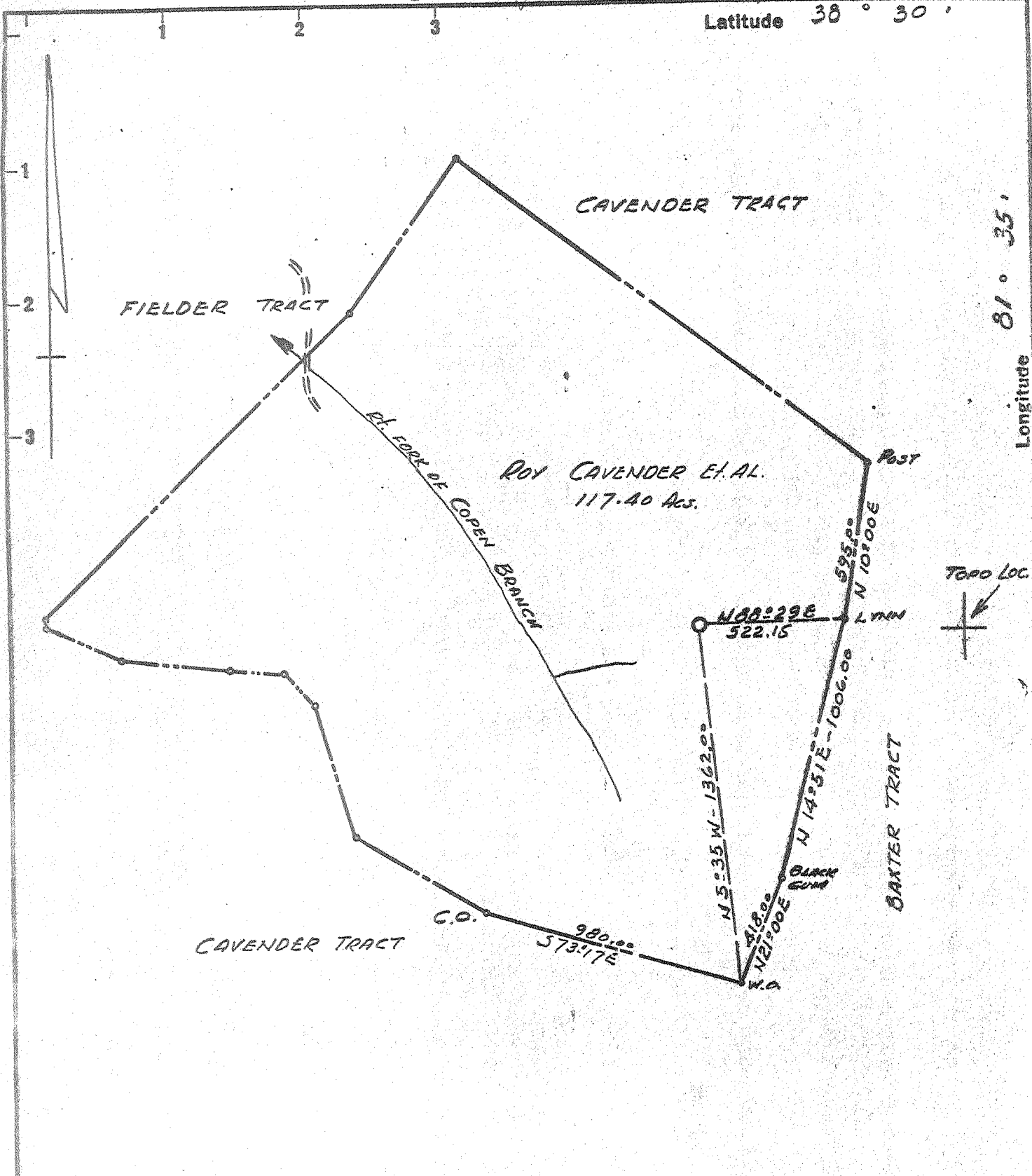
Company ALLEN BEARD  
 Address 615 B GEORGIA ST., CHARLESTON, W. VA.  
 Farm ROY CAVENDER ET AL.  
 Tract \_\_\_\_\_ Acres 117.40 Lease No. \_\_\_\_\_  
 Well (Farm) No. 1 Serial No. \_\_\_\_\_  
 Elevation (Spirit Level) 1079.6  
 Quadrangle CHARLESTON NC  
 County KANAWHA District UNION  
 Engineer N. L. Repton  
 Engineer's Registration No. 1832  
 File No. \_\_\_\_\_ Drawing No. \_\_\_\_\_  
 Date 1-6-69 Scale 1" = 500'

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

WELL LOCATION MAP  
 FILE NO. 100-3346

+ 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.



Minimum Error of Closure 1-200

Source of Elevation Mouth of COPEN BR. 700'

Drill Deeper   
Abandonment

Issued 4-7-69

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

WELL LOCATION MAP  
 FILE NO. W-2346 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.

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Deep Well



STATE OF WEST VIRGINIA  
DEPARTMENT OF MINES  
OIL AND GAS DIVISION

Rotary   
Spudder   
Cable Tools   
Storage

*Dry Hole*  
Gas

adrangle

Permit No. KAN 2346

WELL RECORD

Oil or Gas Well Gas  
(KIND)

Company Allen Beard  
Address 615 B Georgia Street, Charleston, W. Va.  
Operator Roy Cavender, etal Acres 117.40  
Location (waters) Right Fork of Copen Branch  
Well No. 1 Elev. 1079.6  
District Union County Kanawha  
The surface of tract is owned in fee by Roy Cavender, etal 5/8  
Address Charleston, W. Va.  
Mineral rights are owned by same  
Address \_\_\_\_\_  
Drilling commenced February 26, 1969  
Drilling completed April 3, 1969  
Date Shot From \_\_\_\_\_ To \_\_\_\_\_  
Casing and Tubing Size \_\_\_\_\_  
Used in Drilling \_\_\_\_\_  
Left in Well \_\_\_\_\_  
Packers \_\_\_\_\_  
Kind of Packer \_\_\_\_\_  
Size of \_\_\_\_\_  
Depth set \_\_\_\_\_  
Perf. top \_\_\_\_\_  
Perf. bottom \_\_\_\_\_  
Liners Used \_\_\_\_\_  
Attach copy of cementing record.  
CASING CEMENTED \_\_\_\_\_ SIZE \_\_\_\_\_ No. Ft. \_\_\_\_\_ Date \_\_\_\_\_  
Amount of cement used (bags) \_\_\_\_\_  
Name of Service Co. Dowell  
COAL WAS ENCOUNTERED AT \_\_\_\_\_ FEET \_\_\_\_\_ INCHES  
\_\_\_\_\_ FEET \_\_\_\_\_ INCHES  
\_\_\_\_\_ FEET \_\_\_\_\_ INCHES  
WELL ACIDIZED (DETAILS) No  
WELL FRACTURED (DETAILS) No  
RESULT AFTER TREATMENT (initial open flow or bbls.) None  
ROCK PRESSURE AFTER TREATMENT \_\_\_\_\_ HOURS  
Fresh Water \_\_\_\_\_ Feet Salt Water \_\_\_\_\_ Feet  
Producing Sand \_\_\_\_\_ Depth \_\_\_\_\_

Formation	Color	Hard or Soft	Top	Bottom	Oil, Gas or Water	Depth	Remarks
Soil			0	10			
Shale & Sand			10	1305			
Sand, Salt			1305	1855			
Big Lime			1855	2010			
Big Injun			2010	2050			
Shale			2050	5137			
Corniferous Lime			5137	5235			
Oriskany Sand			5235	5275			
Limestone & Dolomite			5275	6032			
Newburg			6032	6038			
Dolomite	<i>McKenzie</i>		6038	6071			
Total Depth				6071			

