

ACCURACY 1' IN 200' 747.83

New Location . SOURCE ELEV. WELL NO. 4
 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 6 of the rules and regulations of the oil and gas section of the mining laws of West Virginia."

Company ROY G. HILDRETH & SON
 Address SPENCER, W.VA.
 Farm BRADSHAW & RYAN
 Tract _____ Acres 52 Lease No. _____
 Well (Farm) No. 5 Serial No. _____
 Elevation (Spirit Level) 740.56
 Quadrangle WALTON WC
 County ROANE District WALTON
 Engineer L. F. Dyer
 Engineer's Registration No. 806
 File No. _____ Drawing No. _____
 Date 3-30-67 Scale 1" = 20 POLES

STATE OF WEST VIRGINIA
 DEPARTMENT OF MINES
 OIL AND GAS DIVISION
 CHARLESTON
WELL LOCATION MAP
 FILE NO. ROA-1589

+ 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.



Department of Natural Resources
Permit #3322.

STATE OF WEST VIRGINIA
DEPARTMENT OF MINES
OIL AND GAS DIVISION

Rotary
Spudder
Cable Tools
Storage

Salt Water Disposal
Oil or Gas Well Oil

WELL RECORD

Quadrangle Walton

Permit No. ROA-1589
Roy E. Hildreth & Son

Company B. & R. Oil Company
Address Box 118, Spencer, W. Va. 25276
Farm Bradshaw & Ryan Acres 52

Location (waters) Rock Creek
Well No. _____ Elev. 740.56
District Walton County Roane

The surface of tract is owned in fee by Roy Samuel Hively Heirs
Address Walton, W. Va.

Mineral rights are owned by Bradshaw & Ryan Heirs, Charleston and
Address Spencer, W. Va.

Drilling commenced May 11, 1967
Drilling completed June 11, 1967
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 _____

WELL FRACTURED 6/37/67 500 gal. of mud acid; 20,000 lbs. of sand; and 700 bbls. of water.

RESULT AFTER TREATMENT 25 barrels of oil per day.

ROCK PRESSURE AFTER TREATMENT _____

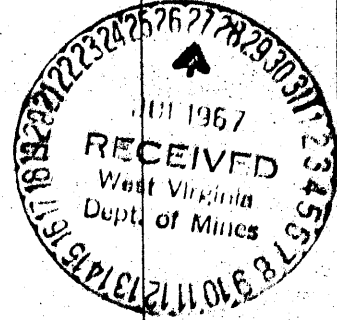
Fresh Water _____ Feet Salt Water _____ Feet

Casing and Tubing	Used in Drilling	Left in Well	Packers
Size			Kind of Packers
10			
13			
10	323	---	Size of
8 1/4	698	---	
8 3/4	1730	1730	Cemented.
4 1/2	1944	1944	Cemented.
8			Perf. top
2			Perf. bottom
Liners Used			Perf. top
			Perf. bottom

CASING CEMENTED 4 1/2" SIZE No. Ft. 6/13/67 Date
25 bags of cement.

COAL WAS ENCOUNTERED AT _____ FEET _____ INCHES
_____ FEET _____ INCHES _____ FEET _____ INCHES
_____ FEET _____ INCHES _____ FEET _____ INCHES

Formation	Color	Hard or Soft	Top	Bottom	Oil, Gas or Water	Depth	Remarks
Clay	Red		0	38			
Sand			38	142			
Pink Rock			142	150			
White Slate			150	180			
Sand			180	235			
D. Slate			235	252	Water	250	
Sand			252	303			
Slate			303	310			
Red Rock			310	403			
Slate			403	425			
Red Rock			425	572			
Slate			572	625			
Sand			625	655			
Slate & Shells			655	695			
D. Sand			695	830			
B. Slate			830	855			
Sand			855	898			
Slate			898	922			
Sand			922	1067			
Slate & Shells			1067	1295			
Sand			1295	1707			
L. Lime			1707	1724			
Pencil Cave			1724	1732			
Big Lime			1732	1832			
Sand - Big Injan			1832	1912	Oil	1867-1916	
B. Slate			1912	1944			
Total Depth			1944				



Formation	Color	Hard or Soft	Top	Bottom	Oil, Gas or Water	Depth Found	Remarks
						Perforations:	
						1878-1844	7 holes.
						1896-1904	9 holes.
						1914-1915	2 holes.
						TOTAL-	18 holes.

Date July 12., 19 67

APPROVED Roy G. Hildreth & Son, Owner

By Roy G. Hildreth Partner
(1966)