

- New Location
- Drill Deeper
- Abandonment

Company RAY BLACKWELL & R.C. MILLER  
 Address Box 117, West Union, West Va.  
 Farm Ina Barker  
 Tract \_\_\_\_\_ Acres 125 Lease No. \_\_\_\_\_  
 Well (Farm) No. One Serial No. \_\_\_\_\_  
 Elevation (Spirit Level) 976  
 Quadrangle West Union - NC  
 County Tyler District Centerville  
 Engineer W. S. Hester  
 Engineer's Registration No. 1227  
 File No. \_\_\_\_\_ Drawing No. \_\_\_\_\_  
 Date Dec. 1961 Scale 1" = 30 p.

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

**WELL LOCATION MAP**  
 FILE NO. Tyl-330

- + 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.



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

Quadrangle West Union  
Permit No. Tyler-330

WELL RECORD

Oil or Gas Well oil  
(KIND)

Company Blackwell - Miller  
Address Box 117, West Union, W. Va.  
Farm Ina Baker Acres 104  
Location (waters) Wheeler's - Middle Island Creek  
Well No. 1 Elev. 976  
District Centerville County Tyler  
The surface of tract is owned in fee by Ina Baker  
Alma Address W. Va.  
Mineral rights are owned by Ina Baker  
Address Alma, W. Va.  
Drilling commenced December 23, 1961  
Drilling completed January 31, 1962  
Date Shot From To  
With  
Open Flow /10ths Water in None Inch  
/10ths Merc. in Inch  
Volume None Cu. Ft.  
Rock Pressure None lbs. hrs.  
Oil Slow bbls., 1st 24 hrs.  
WELL ACIDIZED

Casing and Tubing	Used in Drilling	Left in Well	Packers
Size			Kind of Packer
16			
13			
10 <u>440</u>			Size of
8 1/4 <u>1196</u>			
6 5/8 <u>1530</u>			Depth set
5 3/16		<u>2164 Ft.</u>	
3		<u>of 4 1/2</u>	Perf. top
2		<u>casing</u>	Perf. bottom
Liners Used			Perf. top
			Perf. bottom

CASING CEMENTED Yes SIZE 4 1/2 No. Ft. 2164 Date 1-27-62  
35 Sacks Cement

COAL WAS ENCOUNTERED AT None FEET INCHES  
FEET INCHES FEET INCHES  
FEET INCHES FEET INCHES

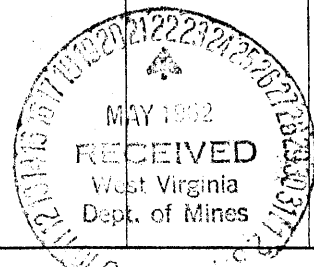
WELL FRACTURED 18,000 Gals. water and 19,000 lbs. of sand

RESULT AFTER TREATMENT 1-Bbl. per day

ROCK PRESSURE AFTER TREATMENT None

Fresh Water Feet Salt Water Feet

Formation	Color	Hard or Soft	Top	Bottom	Oil, Gas or Water	Depth	Remarks
Top soil		rich	0	3			
Red rock		soft	3	23			
Sand		soft	23	60			
Red Rock		soft	60	97			
Slate		soft	97	100			
Sand		hard	100	112			
Red Rock		soft	112	138			
Sand		hard	138	145			
Slate		soft	145	150			
Red Rock		soft	150	190			
Slate		soft	190	212			
sand		hard	212	220			
Red Rock		soft	220	248			
Slotex shells		hard	248	253			
Lime		hard	253	273			
Slotex shells		soft	273	295			
Red Rock		soft	295	305			
Lime		hard	305	312			
Red Rock		soft	312	320			
Lime		hard	320	330			
Red rock		soft	330	400			
Sand		hard	400	420			
Red Rock		soft	420	425			
Lime		hard	425	440			
Slotex shells		hard	440	450			
Red Rock		soft	450	458			
Lime		hard	458	475			
Red rock		soft	475	487			
Lime		hard	487	530			
Red rock		hard	530	535			



Formation	Color	Hard or Soft	Top //	Bottom	Oil, Gas or Water	Depth Found	Remarks
sand		soft	535	590			
Slate		soft	590	625			
Red Rock		soft	625	630			
Slotex shells		soft	630	670			
Black lime		hard	670	675			
Slotex Coal		soft	675	680			
Pills B. lime		hard	680	693			
Slotex Shells		hard	693	700			
Sand		soft	700	725			
Slate		soft	725	750			
Gritty Lime		soft	750	773			
Pink lime		hard	773	780			
Lime		hard	780	790			
Red Rock		soft	790	825			
Broken Lime		hard	825	848			
Pink Rock		soft	848	870			
Lime		hard	870	880			
Red Rock		soft	880	905			
Slate		soft	905	920			
Red Rock		soft	920	925			
Gritty lime		soft	925	960			
Slate		soft	960	1000			
Lime		hard	1000	1015			
Pink Red Rock		soft	1015	1035			
Lime		hard	1035	1041			
Pink		soft	1041	1051			
Slate		soft	1051	1082			
Lime		hard	1082	1095			
Slate		soft	1095	1110			
Lime		hard	1110	1115			
Pink Rock		soft	1115	1120			
Slate		soft	1120	1135			
Sand		soft	1135	1145			
Slate		soft	1145	1190			
Sand		soft	1190	1200			
Slate		soft	1200	1226			
Lime		hard	1226	1252			
Sand		soft	1252	1360			
Slate		soft	1360	1390			
Sand		soft	1390	1460			
Slate Black		soft	1460	1475			
Slate Black		soft	1475	1525			
Sand			1525	1550			
Shale			1550	1586			
Sand			1586	1704			
Shale			1704	1780			
Sand			1780	1825			
Shale			1825	1885			
Sand-Maxton			1885	1907			
Sandy Shale			1907	1962			
Big Lime			1962	2030			
Keener sand			2030	2044			
Sandy lime			2044	2050			
Big Injun			2050	2150			
Shale & Sandy Shale			2150	2170			
Squaw sand			2170	2208			
Blue-green shale			2208	2219			
			( DEPTH )				
			1885	1892			Black shale & white sand
			1892	1908			Slightly calcareous sand
			1908	1914			Sandy Black Shale
			1914	1958			Black Shale (sandy)
			1958	1965			Brown lime & black shale
			1965	1984			Hard brown lime
							Continued

1962  
976  
-----  
986

Date....., 19.....

APPROVED....., Owner

By.....

(Title)



STATE OF WEST VIRGINIA  
DEPARTMENT OF MINES  
OIL AND GAS DIVISION //A

Quadrangle West Union  
Permit No. TYL-330

WELL RECORD

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(KIND)

Company Blackwell - Miller  
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Farm Ina Baker Acres 104  
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Well No. 1 Elev. 976  
District Centerville County Tyler  
The surface of tract is owned in fee by \_\_\_\_\_  
Address \_\_\_\_\_  
Mineral rights are owned by \_\_\_\_\_  
Address \_\_\_\_\_  
Drilling commenced \_\_\_\_\_  
Drilling completed \_\_\_\_\_  
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 \_\_\_\_\_

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

CASING CEMENTED \_\_\_\_\_ SIZE \_\_\_\_\_ No. Ft. \_\_\_\_\_ Date \_\_\_\_\_

COAL WAS ENCOUNTERED AT \_\_\_\_\_ FEET \_\_\_\_\_ INCHES  
\_\_\_\_\_ FEET \_\_\_\_\_ INCHES \_\_\_\_\_ FEET \_\_\_\_\_ INCHES  
\_\_\_\_\_ FEET \_\_\_\_\_ INCHES \_\_\_\_\_ FEET \_\_\_\_\_ INCHES

RESULT AFTER TREATMENT \_\_\_\_\_

ROCK PRESSURE AFTER TREATMENT \_\_\_\_\_

Fresh Water \_\_\_\_\_ Feet \_\_\_\_\_ Salt Water \_\_\_\_\_ Feet \_\_\_\_\_

Formation	Color	Hard or Soft	Top	Bottom	Oil, Gas or Water	Depth	Remarks
Continued from page one			( DEPTH ) -----		DETAILS		
			1984	1993			Tan hard lime
			1993	2027			Dark Brown Hard lime
			2027	2030			Tan lime & Dark brown lime
			2030	2034			White fine grained sand
			2034	2044			White coarse grained sand
			2044	2050			White sandy lime
			2050	2055			Slightly calcareous coarse white sand
			2055	2098			Very hard clear white sand
			2098	2105			Soft-white sand-spotty fluorescence - free oil skim in top of bailer
			2105	2110			White sand-10% fluorescence
			2110	2113			White sand-spotty fluorescence
			2113	2122			White sand-spotty fluorescence-coarse-cuttings- Porous-slightly calcareous.
			2122	2127			Sand-spotty fluorescence-slightly calcareous
			2127	2135			White-fine grain sand-no fluorescence
			2135	2143			White sand-spotty fluorescence
			2143	2148			White sand
			2148	2157			grey-slightly calcareous sand
			2157	2170			Dark gray shale
			2170	2172			Gray shale with trace of limy sand
			2172	2188			gray-fine grained slightly calcareous, sand-hard
			2188	2205			White coarse grained sand
			2205	2214			gray sandy & limey shale-very hard
			2214	2219			Blue green shale
							OVER

Formation	Color	Hard or Soft	Top //A	Bottom	Oil, Gas or Water	Depth Found	Remarks
Sub Surface Details Elevation 978] (Derrick Floor)							
FORMATION			TOP	SUBSEA	THICKNESS		
Maxton			1885	907	22		
Big Lime			1962	984	68		
Keener			2030	1052	14		
Big Injun			2050	1072	100		
Squaw			2170	1192	38		

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