

State of West Virginia
Department of Environmental Protection
Office of Oil and Gas

Well Operator's Report of Well Work

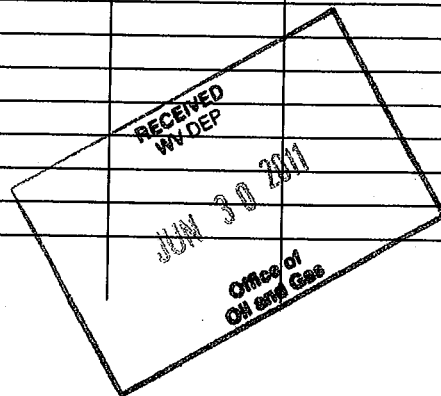
Farm name: PAUL & DEBORAH JUSTICE Operator Well NO.: 1734

LOCATION: Elevation: 972.7' Quadrangle: MATEWAN

District: MAGNOLIA County: MINGO
Latitude: 10,593 Feet South of 37 Deg. 35 Min. 00 Sec.
Longitude 473 Feet West of 82 Deg. 07 Min. 30 Sec.

Company: KINZER DRILLING CO. LLC

	Casing & Tubing	Used in drilling	Left in well	Cement fill up Cu. Ft.
Address: 1555 KY RT 80	13 3/8"	119'	119'	
PRESTONSBURG, KY 41653	9 5/8"	386'	386'	236
Agent: JAMES HILL	7"	2206'	2206'	486
Inspector: GARY SCITES	4 1/2"	4811'	4811'	314
Date Permit Issued: 10/24/2007				
Date Well Work Commenced: 09/17/09				
Date Well Work Completed: 09/27/09				
Verbal Plugging:				
Date Permission granted on:				
Rotary YES Cable Rig				
Total Depth (feet): 4,840'				
Fresh Water Depth (ft.): 610'				
Salt Water Depth (ft.):				
Is coal being mined in area (N/Y)? NO				
Coal Depths (ft.):				



OPEN FLOW DATA

Producing formation Shale, Shale/Berea Pay zone depth (ft) SEE ATTACHED
Gas: Initial open flow 18.26 MCF/d Oil: Initial open flow _____ Bbl/d
Final open flow _____ MCF/d Final open flow _____ Bbl/d
Time of open flow between initial and final tests _____ Hours
Static rock Pressure _____ psig (surface pressure) after _____ Hours

Second producing formation _____ Pay zone depth (ft) _____
Gas: Initial open flow _____ MCF/d Oil: Initial open flow _____ Bbl/d
Final open flow _____ MCF/d Final open flow _____ Bbl/d
Time of open flow between initial and final tests _____ Hours
Static rock Pressure _____ psig (surface pressure) after _____ Hours

NOTE: ON BACK OF THIS FORM PUT THE FOLLOWING: 1). DETAILS OF PERFORATED INTERVALS, FRACTURING OR STIMULATING, PHYSICAL CHANGE, ETC. 2). THE WELL LOG WHICH IS A SYSTEMATIC DETAILED GEOLOGICAL RECORD OF ALL FORMATIONS, INCLUDING COAL ENCOUNTERED BY THE WELLBORE.

Signed: *Jerry Kinzer*
Date: June 27, 2011

FROM	TO	ROCK TYPE (DESCRIBE ROCK TYPES AND OTHER MATERIALS PENETRATED AND RECORD OCCURRENCES OF OIL GAS, AND WATER FROM SURFACE TO TOTAL DEPTH)	FROM	TO	ROCK TYPE (DESCRIBE ROCK TYPES AND OTHER MATERIALS PENETRATED AND RECORD OCCURRENCES OF OIL GAS, AND WATER FROM SURFACE TO TOTAL DEPTH)
0	126	SURFACE			
126	207	SLATE			GAS CHECK @ 2244' - 8 7/8" TD/SMELL
207	271	SAND/SLATE			GAS CHECK @ 2498' - INJUN/SMELL
271	329	SLATE			GAS CHECK @ 3102' - COFFEE/NO GAS
329	610	SAND			GAS CHECK @ 4850' - SMELL
610	620	SAND/SLATE			
620	777	SAND			
777	823	SAND/SLATE			
823	1060	SALT SAND			
1060	1248	BROKEN SAND			
1248	1500	SALT SAND			
1500	1580	BROKEN SAND			
1580	1612	SAND/SLATE			
1612	1660	RED ROCK/SAND/SLATE			
1660	1700	SAND/SLATE			
1700	1742	RED ROCK			
1742	1764	SAND/SLATE			
1764	1795	RED ROCK/SLATE			
1795	1829	RED ROCK			
1829	1853	RED ROCK/SLATE			
1853	1909	SLATE			
1909	1937	SAND/SLATE			
1937	2006	SAND			
2006	2040	SAND/SLATE			
2040	2064	SAND			
2064	2154	SAND/SLATE			
2154	2170	SLATE			
2170	2186	SAND			
2186	2200	SAND/LIME			
2200	2270	DARK LIME			
2270	2490	BIG LIME			
2490	2494	INJUN			
2494	2520	BIG LIME			
2520	2550	INJUN			
2550	2776	WEIR			
2776	3078	SLATE			
3078	3140	COFFEE SHALE			
3140	3294	BEREA			
3294	3616	GREY SHALE			
3616	3740	BROWN SHALE			
3740	3890	WHITE SHALE			
3890	4070	BROWN SHALE			
4070	4110	WHITE SHALE			
4110	4140	LIME			
4140	4150	WHITE SHALE			
4150	4190	BROWN SHALE			
4190	4224	LIME			
4224	4360	BROWN SHALE			
4360	4540	WHITE SHALE			
4540	4706	BROWN SHALE			
4706	4730	WHITE SHALE			
4730	4828	BROWN SHALE			
4828	4840	CONIFEROUS			

QUALITY NATURAL GAS, LLC
WR-35 COMPLETION REPORT - Attachment
TREATMENT SUMMARY

WELL NAME & NO.
API #
DATE

QUALITY NATURAL GAS, LLC, #1734
47-5901875
NOT YET TREATED

STAGE NO. 1

TYPE FRAC
ACID AMOUNT
PERFORATIONS
PERF INTERVAL
MAXIMUM PRESSURE
INSTANT SHUT IN PRESSURE
TOTAL TREATMENT VOLUME

STAGE NO. 2

TYPE FRAC
ACID AMOUNT
PERFORATIONS
PERF INTERVAL
MAXIMUM PRESSURE
INSTANT SHUT IN PRESSURE
TOTAL TREATMENT VOLUME

STAGE NO. 3

TYPE FRAC
ACID AMOUNT
PERFORATIONS
PERF INTERVAL
MAXIMUM PRESSURE
INSTANT SHUT IN PRESSURE
TOTAL TREATMENT VOLUME

