

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

Well Operator's Report of Well Work

Farm name: R. D. HUTCHISON Operator Well No.: 2

LOCATION: Elevation: 866.1 Quadrangle: RIPLEY

District: RIPLEY County: JACKSON  
Latitude: 9,000 Feet South of 38 Deg. 47 Min. 30 Sec.  
Longitude 4,100 Feet West of 81 Deg. 42 Min. 30 Sec.

Company: DURST OIL & GAS, INC.

	Casing & Tubing	Used in drilling	Left in well	Cement fill up Cu. Ft.
Address: <u>RT. 2, Box 538</u> <u>PT. PLEASANT, W. VA.</u>				
Agent: <u>RONALD DURST 25550</u>	<u>9 5/8"</u>	<u>792</u>	<u>792</u>	<u>400 SAK</u>
Inspector: <u>LARRY PARRISH</u>				
Date Permit Issued: <u>7/30/2003</u>	<u>7"</u>	<u>2302</u>	<u>2302</u>	<u>270 SAK</u>
Date Well Work Commenced:				
Date Well Work Completed: <u>10/11/2003</u>	<u>4 1/2"</u>		<u>4348</u>	<u>200 SAK</u>
Verbal Plugging: <u>N/A</u>				
Date Permission granted on:	<u>2 3/8"</u>		<u>4161</u>	
Rotary <input checked="" type="checkbox"/> Cable <input type="checkbox"/> Rig				
Total Depth (feet): <u>4360'</u>				
Fresh Water Depth (ft.):				
Salt Water Depth (ft.):				
Is coal being mined in area (N/Y)? <u>NO</u>				
Coal Depths (ft.): <u>N/A</u>				

OPEN FLOW DATA

Producing formation BROWN SHALE Pay zone depth (ft) 4136-4176

Gas: Initial open flow SHOW MCF/d Oil: Initial open flow \_\_\_\_\_ Bbl/d

Final open flow 150 MCF/d Final open flow \_\_\_\_\_ Bbl/d

Time of open flow between initial and final tests \_\_\_\_\_ Hours

Static rock Pressure 420 psig (surface pressure) after 14 Hours-DAYS

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

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Office of Oil & Gas

JUN 16 2004

WV Department of  
Environmental Protection

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:

Ronald W. Durst Jr.  
By: RONALD W. DURST, JR.  
Date: 6-11-04

Perforated 4.5" casing 4136 to 4176 w/20 shots. Frac Brown Shale zone with 700,000 SCF of N2 and 109 BBL. Water. Breakdown at 3500 PSI, treat at 2100 PSI, ISIP was 1490 PSI.

sand	0	62
shale	62	-125
sand	125	-148
shale	148	-287
sand	287	-365
shale	365	-421
sand	421	-442
shale	442	-710
sand	710	-750
shale	750	-880
sand	880	-900
shale	900	-983
sand	983	-994
shale	994	-1172
sand	1172	-1258
shale	1258	-1315
sand	1315	-1413
shale	1413	-1496
sand	1496	-1537
shale	1537	-1726
sand	1726	-1846
shale	1846	-1863
sand	1863	-1942
Big Lime	1942	-2039
shale	2039	-2078
Injun Sand	2078	-2180
shale	2180	-2518
Coffee Shale	2518	-2540
Berea Sand	2540	-2551
shale	2551	-3766
brown shale	3766	-4294
gray shale	4294	-4360
total depth		4360