

WR-35

State of West Virginia
Division of Environmental Protection
Section of Oil and Gas

API #: 47-091-01058

Well Operator's Report of Well Work

Farm Name: Polhemus, Mark & Katherin Operator Well No.: Thomas2

LOCATION Elevation: 1712 Quadrangle: Thornton

District: Knottsville County: Taylor

Latitude: 6,700 Feet South of 39 Deg. 20 Min. 0 Sec. N

Longitude: 11,175 Feet West of 79 Deg. 52 Min. 30 Sec. W

Company: **JACK PRODUCTION INC.**
P. O. BOX 697
INDIANA, PA 15701-0697

Agent: Mary Herndon
Inspector: Bill Hatfield
Permit Issued: 12/16/2004
Well Work Commenced: 3/24/2005
Well Work Completed: 4/2/2005
Verbal Plugging
Permission granted on: _____
Rotary Cable _____ Rig
Total Depth (feet): 5850
Fresh Water Depth (ft): 60, 735
Salt Water Depth (ft) None
Is coal being mined in area (Y/N)? N
Coal Depth (ft): 357-361; 685-690

Casing and Tubing	Used in Drilling	Left in Well	Cement Fill Up sks
11 3/4	22	22	
8 5/8	795	795	225
4 1/2		5364.25	230

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OPEN FLOW DATA

Producing formation 4th Elk; 3rd Elk Pay zone depth (ft) 5094-5294; 4984-4990
Gas: Initial open flow 846 MCF/d Oil: Initial open flow 0 Bbl/d
Final open flow No test MCF/d Final open flow 0 Bbl/d
Time of open flow between initial and final tests NA Hours
Static rock pressure No test psig (surface pressure) after NA Hours

Second producing formation Riley Pay zone depth (ft) 4048-4061
Gas: Initial open flow 846 MCF/d Oil: Initial open flow 0 Bbl/d
Final open flow No test MCF/d Final open flow 0 Bbl/d
Time of open flow between initial and final tests NA Hours
Static rock pressure No test psig (surface pressure) after NA Hours

* Open flows are commingled.

NOTE: ON BACK OF THIS FORM PUT THE FOLLOWING: 1) DETAILS OF PERFORMED 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.

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Office of Chief
OCT 24 2005
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For: **JACK PRODUCTION INC.**

By: Mary Herndon

Date: 10/19/85

DETAILS OF PERFORATED INTERVALS, FRACTURING OR STIMULATING, PHYSICAL CHANGE, ETC. 47-091-01058

Stage	T-Perf	B-Perf	Shots	Formation	Sand (Bbl)	Grade	Water (Bbl)	Foam (Bbl)	N2 (Cu Ft)
1	5094	5294	12	4th Elk	45,624	20/40	220	630	406,032
2	4984	4990	14	3rd Elk	40,888	20/40	232	548	307,159
3	4048	4061	14	Riley	38,588	20/40	205	501	288,233

WELL LOG

Formation	Color	Hard/Soft	Top	Bottom	Remarks
Clay/Shale			0	22	
Sand			22	82	
Sd/Sh			82	357	
Coal			357	361	
Sd/Sh			361	396	
Shale			396	450	
Sd/Sh			450	458	
Shale			458	473	
Sd/Sh			473	496	
Sand			496	521	
Shale			521	551	
Sand			551	597	
RR			597	609	
Sand			609	685	
Coal			685	690	
Sand			690	718	
Sd/Sh			718	733	
Sand			733	829	
Sd/Sh			829	883	
Sand			883	914	
Sd/Sh			914	1044	
Sand			1044	1109	
Sd/Sh			1109	1265	
Little Lime			1265	1275	
Big Lime			1275	1380	
Sand	white		1380	1480	
Sd/Sh			1480	1499	
RR/Sd/Sh			1499	1518	
Sd/Sh			1518	1582	
L. Weir			1582	1629	
Sd/Sh			1629	1757	
Sh/Sd			1757	1780	
Sd/Sh			1780	1981	
Gordon			1981	1993	
Sd/Sh			1993	2317	
4th-C			2317	2353	
Sd/Sh			2353	2465	
M. Bayard			2465	2500	
Sd/Sh			2500	2530	
L. Bayard			2530	2560	
Sd/Sh			2560	2750	
U. Warren			2750	2763	
Sh/Sd			2763	3070	
Speechley			3070	3103	
Sd/Sh			3103	3150	
Balltown-A			3150	3162	
Sd/Sh			3162	3194	
Balltown-B			3194	3199	
Sd/Sh			3199	3260	
Balltown-C			3260	3273	
Sd/Sh			3273	3436	
Riley			3436	3503	
Sd/Sh			3506	4246	
Betson			4246	4271	
Sd/Sh			4271	4728	
2nd Elk			4728	4742	
Sd/Sh			4742	4990	
3rd Elk			4990	5150	
Sd/Sh			5150	5285	
4th Elk			5285	5297	
Sd/Sh			5297	5626	
Haverty			5626	5634	
Sh/Sd			5634	5850	TD

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