



WR-35

Date April 30, 2013

State of West Virginia

Operator's Well No. Hayes #3

DEPARTMENT OF ENERGY

Farm Franklin Adkins

Oil and Gas Division

API No. 47-011-0991

WELL OPERATOR'S REPORT OF

DRILLING, FRACTURING AND/OR STIMULATING, OR PHYSICAL CHANGE

WELL TYPE: Oil / Gas X / Liquid Injection / Waste Disposal / (If "Gas," Production X / Underground Storage / Deep / Shallow X /)

LOCATION: Elevation: 879.6 Watershed Raccoon Creek
District: McComas County Cabell Quadrangle Winslow

COMPANY Franklin Adkins
ADDRESS P. O. Box 70, Ona, W.V. 25545

DESIGNATED AGENT Franklin Adkins
ADDRESS P. O. Box 70, Ona, W.V.

SURFACE OWNER Franklin Adkins
ADDRESS PO Box 70, Ona, W.V. 25545

MINERAL RIGHTS OWNER Franklin Adkins
ADDRESS PO Box 70, Ona, 25545

OIL AND GAS INSPECTOR FOR THIS WORK Jeremy James
ADDRESS _____

PERMIT ISSUED 9/22/2010

DRILLING COMMENCED 8/22/2012

DRILLING COMPLETED 11/10/2012

IF APPLICABLE: PLUGGING OF DRY HOLE ON CONTINUOUS PROGRESSION FROM DRILLING OR REWORKING. VERBAL PERMISSION OBTAINED ON _____

Casing Tubing	Used in Drilling	Left in Well	Cement fill up Cu. ft.
Size 20-16 Cond.			
13-10"	30	30	
9 5/8			
8 5/8		450	65 Sks
7		1444	200 sks
5 1/2			
4 1/2		3378	100 Sks
3			
2			
Liners used			

Back to Surface

Back to 2450 Ft

GEOLOGICAL TARGET FORMATION Brown Shale Depth 3378 feet

Depth of completed well _____ feet Rotary _____ / Cable Tools X

Water strata depth: Fresh 90 feet; Salt 910 feet

Coal seam depths: NO show of coal Is coal being mined in the area? NO

OPEN FLOW DATA

Producing formation Brown Shale Pay zone depth 2944-3324 feet

Gas: Initial open flow Show Mcf/d Oil: Initial open flow NO Bbl/d

Final open flow 40 Mcf/d Final open flow NO Bbl/d

Time of open flow between initial and final tests 20 hours

Static rock pressure 300 psig (surface measurement) after 24 hours shut in (If applicable due to multiple completion--)

Second producing formation _____ Pay zone depth _____ feet

Gas: Initial open flow _____ Mcf/d Oil: Initial open flow _____ Bbl/d

Final open flow _____ Mcf/d Oil: Final open flow _____ Bbl/d

Time of open flow between initial and final tests _____ hours

Static rock pressure _____ psig (surface measurement) after _____ hours shut in

Received

JUN 4 2013

Office of Oil and Gas

WV Dept. of Environmental Protection

(Continue on reverse side)

DETAILS OF PERFORATED INTERVALS, FRACTURING OR STIMULATING, PHYSICAL CHANGE, ETC.

Perforated: 2944, 2978, 3012, 3038, 3070, 3096, 3112, 3136, 3140, 3238, 3250, 3278, 3288, 3320, 3324.

Fractured with, 1020 MCF of Nitrogen, 450 Bbls. acid, and 20 perf. balls. Average treating pressure 1600 lbs.

WELL LOG

FORMATION	COLOR	HARD OR SOFT	TOP FEET	BOTTOM FEET	REMARKS Including indication of all fresh and salt water, coal, oil and gas
Surface, Clay			0	40	
Slate, clay			40	374	
Sand			374	444	Water 374
Slate			444	559	
Sand			559	744	
Slate			744	969	
Sand (Salt)			969	1235	Water Sand Holl Full
Slate			1235	1250	
Sand			1250	1320	
Slate - Red Rock			1320	1450	
Lime Dark			1450	1500	
Little Lime Light			1500	1540	
Big Lime White			1540	1650	
Slate			1650	1735	
Injun Sand			1735	1770	
Slate			1770	2300	
Berea Sand			2300	2310	
Slate Lime			2310	2920	
Shale Dark			2920	3120	
Shale Brown			3120	3350	Show of Gas Brown Shale
Shale Grey			3350	3380	
Total Depth			3380		

(Attach separate sheets as necessary)

Well Operator _____

By: _____

Date: _____

Note: Regulation 2.02(i) provides as follows:
 "The term 'log' or 'well log' shall mean a systematic detailed geological record of all formations, including all, encountered in the drilling of a well."

08/02/2013