WR-35 Rev (9-11)

State of West Virginia Department of Environmental Protection Office of Oil and Gas Well Operator's Report of Well Work

DATE:	02/05/2013
API#:	47-033-05139

Farm name: Fahey, William F.	Operator Well	No.: Fahey 5		·	
LOCATION: Elevation: 1296' GL	Quadrangle: Wolf Summit 7.5				
District: Tenmile	County: Harrison				
Latitude: 11,970 Feet South of 39 Deg.	22 Min. 30 Scc.				
Longitude 11,780 Feet West of 80 Deg.	Min	Sec.			٠.
Company: Petroleum Development Corporation					
Address: 120 Genesis Boulevard	Casing & Tubing	Used in drilling	Left in well	Cement fill up Cu. Ft.	
Bridgeport, WV 26330	13 3/8"	19'	19'	Sanded In	
Agent: Bob Williamson	9 5/8"	253'	253'	162	
Inspector: Tristan Jenkins	7"	1737'	1737'	354	
Date Permit Issued: 08/27/2008	4 1/2"	5303'	5303'	423	
Date Well Work Commenced: 10/29/2008					
Date Well Work Completed: 11/13/2008					.
Verbal Plugging:		DEC	EIVED	<u> </u>	
Date Permission granted on:		Office	OII & Gas	•	
Rotary Cable Rig					
Total Vertical Depth (ft): 5542'		FEB	28 2013		
Total Measured Depth (ft): 5542'			1	<i>z</i>	
Fresh Water Depth (ft.): 410'		MA Del	artment c	etion .	
Salt Water Depth (ft.): 1650', 1834'	E	UALOUME	אואי יאואי		
Is coal being mined in area (N/Y)? N]
Coal Depths (ft.): 475'					
Void(s) encountered (N/Y) Depth(s) N					
OPEN FLOW DATA (If more than two producing formation	ana alaana inglu	do additional de	oto on congrete c	haat)	
Producing formation Benson, 5th & 4th Sands Pay			na on soparate s	nocty	
Gas: Initial open flow 84 MCF/d Oil: Initial open f	low_Show_B	bl/d			
Final open flow 189 MCF/d Final open flow		ol/d			
Time of open flow between initial and final tests Static rock Pressure 280 psig (surface pressure) at	24 Hours fter ⁷² Hou			•	•
•					
Second producing formation Gordon (commingled) Pay zo					
Gas: Initial open flowMCF/d Oil: Initial open f Final open flowMCF/d Final open flow		bl/d ol/d			
Time of open flow between initial and final tests					
Static rock Pressurepsig (surface pressure) at					
		ith tha infam	nation cubmittee	Lan this danume	nt and
I certify under penalty of law that I have personally examined all the attachments and that, based on my inquiry of those indi	ana am tamma viduals immedi	ately responsibl	e for obtaining t	the information I	believe
that the information is true, accurate, and complete.			•		
		ກາທ	7/2013		
Signature			Date	03/08/	2013

Were core samples taken? YesN	No_XX Were	cuttings caught during dri	lling? Yes	No_XX
Were Electrical, Mechanical or Geophysic Array Induction from 5542-1728. Superior GR/CCL/CBL	cal logs recorded on this well? I	f yes, please list Weatherfo	rd Photo Density/	Comp Neutron/
NOTE: IN THE AREA BELOW FRACTURING OR STIMULATING, DETAILED GEOLOGICAL RECOR COAL ENCOUNTERED BY THE WI	PUT THE FOLLOWING: PHYSICAL CHANGE, ETC. RD OF THE TOPS AND BO ELLBORE FROM SURFACE	2). THE WELL LOG VOTTOMS OF ALL FO	VHICH IS A S'	YSTEMATIC
Perforated Intervals, Fracturing, or Stimul				
11/13/2008:MIRU HES & Superior Wireline, ra				
an N2 assist Delta 15# gel system. Formation b				
Stage sand at 1# ppg increments from 1				
Perforated the 5th/4th Sand formation: 17 ho				
Start 110 bbl pad, 481 bbls treating fluid, 49			·····	
MTP - 3136 psi, ATP - 2983 psi. Shut do				
Plug Back Details Including Plug Type ar	nd Depth(s): 15# gel system. Form	nation broke at 2811#. Start	/6 bbl pad, 463 bb	ols treating fluid,
39,900 lbs of 20/40 Sand, 45 bbl of flush. Slage sa	and at 1# ppg increments from 1# - 4#	ppg. MTP - 3902psi, ATP - 32	68 psi. Shut down	, ISIP – 3524 psi.
Formations Encountered: Surface:	Top Depth		Bottom	<u>Depth</u>
Little Lime	2160	2186		
Big Lime	2206	2250		
Keener	2257	2293		
Big Injun	2300	2344		
Gantz	2692	2717		
Fifty Foot	2778	2814	Show	Gas
Gordon Stray	2890	2917		
4th SS	2950	2993		·
5th SS	3007	3047	Show	Gas
Speechley	3508	3940		
Balltown	4020	4228		
Bradford	4328	4474		
Riley	4778	5130		
Benson	5224	5266	Show (Gas

5542

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