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:	08/30/2012	
API#:	47-091-00825	

09/14/2012

Date

District: Court House	_ Quadrangle: _			
District: Court House Latitude: 7,500 Feet South of 39 Deg.	County: Taylor 17 Min. 30 Sec.			
Longitude 3.900 Feet West of 80 Deg.				
Company: Petroleum Development Corporation				
Address: 120 Genesis Boulevard	Casing & Tubing	Used in drilling	Left in well	Cement fill up Cu. Ft.
Bridgeport, WV 26330	11 3/4"	32' 1108'	32' 1108'	Sanded In
Agent: Bob Williamson	8 5/8"			
Inspector: Bryan Harris	4 1/2"	4550'	4550'	245
Date Permit Issued: WorkOver:8/15/2005			Squeeze	319
Date Well Work Commenced: 10/06/2005				
Date Well Work Completed: 10/17/2005				
Verbal Plugging:			para para can per la	
Date Permission granted on:			Toe of Cild	4.00
Rotary 🗸 Cable 🔲 Rig				5
Total Vertical Depth (ft): 4576'			SEP 0 4 20	lo-
Total Measured Depth (ft): 4576'		€. D.		ant of
Fresh Water Depth (ft.): 70', 105', 360'		The species of the second second		mection
Salt Water Depth (ft.): N/A		Remark VI	ម៉ុ _ន ខ្នួននៃ () មើនស័យ ⁽⁾ ។ ប	
Is coal being mined in area (N/Y)? N				
Coal Depths (ft.): 70-73				
Void(s) encountered (N/Y) Depth(s) N				
IN FLOW DATA (If more than two producing formation Producing formation Pay Sas: Initial open flow 97 MCF/d*Oil: Initial open for Final open flow MCF/d Final open flow Time of open flow between initial and final tests tatic rock Pressure 1450 psig (surface pressure) at	zone depth (ft)_ lowB wBtHours	4424-4425.5 bl/d bl/d	lata on separate sl	neet)
as: Initial open flow 20 MCF/d Oil: Initial open f	one depth (ft) 24 lowB wBt Hours	bl/d ol/d		

Signature

Were core samples taken? YesNo	XX	Were cuttings of	aught during drillin	ig? Yes	$_{ m No}$ XX
Were Electrical, Mechanical or Geophysical Cased Hole Bond Log from 2595' - 1900'.	logs recorded on this	well? If yes, plea	_{ise list} Allegheny	/ GR/PPT/T	Т
NOTE: IN THE AREA BELOW PUFFRACTURING OR STIMULATING, POPERAILED GEOLOGICAL RECORD COAL ENCOUNTERED BY THE WELL	HYSICAL CHANGE OF THE TOPS A	C, ETC. 2). THE AND BOTTOMS	WELL LOG WHI S OF ALL FORM	ICH IS A SY	STEMATIC
Perforated Intervals, Fracturing, or Stimulat	ing:				
Short #1 (47-091-00825) Re-completion	n: Original Benson p	perfs from 4424	-4426 and TOC a	at 3465. Set	Bridge Plug
at 2490' & cement squeeze over 4ths	SS. Run Allegheny	Bond Log & n	ew cmt. top at 2	060'. RU U	niversal on
10/17/2005 & frac with energized cross	link with 500 gal 15	% HCI, 400 sks	of 20/40 Sand,ar	nd 110,000 s	cf Nitrogen
in 513 bbls treated fluid. Break at 24	175, avg TP at 237	1 psi. Treat a	t avg. rate of 23	.1 bpm.	
					·
Plug Back Details Including Plug Type and	Depth(s): CIBP se	t at 2490' & le	eft in hole after	work-ove	r frac.
					
Formations Encountered: Surface:	Top Dept	h /		Bottom De	epth
Surface.					
See "Well Log" (pg. 2) on original C	ompletion Form				
Gee Well Log (pg. 2) on original C	ompletion Form.				· 11 - 11 - 12 - 12 - 12 - 12 - 12 - 12
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