WR-35 Rev. 8/23/13

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

API <u>47</u>	County	District					
Quad	Pad Name	Field/Pool Name					
Farm name		Well Number					
Operator (as registered with the C	OG)	·		<del></del>			
Address	City		State	Zip			
As Drilled location NAD 83/U' Top hole Landing Point of Curve Bottom Hole	Northing	Easting					
Elevation (ft) C	GL Type of Well	New □ Existing	Type of Report	□Interim □Final			
Permit Type   Deviated	□ Horizontal □ Horizonta	ıl 6A □ Vertical	Depth Type	□ Deep □ Shallow			
Type of Operation □ Convert	□ Deepen □ Drill □ F	Plug Back   Redrilling	g   Rework	□ Stimulate			
Well Type □ Brine Disposal □	CBM □ Gas □ Oil □ Seco	ndary Recovery □ Solut	ion Mining □ St	orage □ Other			
Type of Completion □ Single □ Drilled with □ Cable □ Rotar  Drilling Media Surface hole □ Production hole □ Air □ Mud  Mud Type(s) and Additive(s)	ry □ Air □ Mud □Fresh Wate			□ Other			
Date permit issued	Data drilling commo	mad	Data duilling				
Date permit issued  Date completion activities began :	_		_				
Verbal plugging (Y/N)		•					
Please note: Operator is required  Freshwater depth(s) ft  Salt water depth(s) ft  Coal depth(s) ft  Is coal being mined in area (Y/N)	to submit a plugging applicat	ion within 5 days of verbarding of the bound	al permission to p  hs  N) depths				
		<del></del>		Reviewed by:			

WR-35 Page \_\_\_ of \_\_\_ Rev. 8/23/13 API 47- \_\_\_\_ - \_\_\_\_ Farm name\_\_\_ \_Well number\_\_\_ **CASING** Hole Casing New or Grade Basket Did cement circulate (Y/N) **STRINGS** Used wt/ft Depth(s) \* Provide details below\* Size Size Depth Conductor Surface Coal Intermediate 1 Intermediate 2 Intermediate 3 Production Tubing Packer type and depth set Comment Details \_ WOC CEMENT Class/Type Number Slurry Yield Volume Cement (ft 3/sks)  $(ft^{\frac{3}{2}})$ DATA of Cement of Sacks wt (ppg) Top (MD) (hrs) Conductor Surface Coal Intermediate 1 Intermediate 2 Intermediate 3 Production Tubing \_\_\_\_\_ Loggers TD (ft) \_\_\_\_\_ Drillers TD (ft) Deepest formation penetrated \_\_\_\_\_\_ Plug back to (ft) \_\_\_\_\_ Plug back procedure \_\_\_\_\_ Kick off depth (ft)\_\_\_\_\_ □ deviated/directional Check all wireline logs run □ caliper □ density □ induction  $\square$  neutron □ resistivity □ gamma ray  $\Box$  temperature □sonic Well cored □ Yes □ No □ Conventional □ Sidewall Were cuttings collected □ Yes □ No DESCRIBE THE CENTRALIZER PLACEMENT USED FOR EACH CASING STRING WAS WELL COMPLETED AS SHOT HOLE □ Yes □ No DETAILS \_\_\_\_\_ WAS WELL COMPLETED OPEN HOLE? □ Yes □ No DETAILS \_\_\_\_\_

TYPE OF TRACER(S) USED \_\_\_\_\_

WERE TRACERS USED □ Yes □ No

API 47	Farm name_	Well number

## PERFORATION RECORD

Stage No.		Perforated from	Perforated to	Number of	
No.	Perforation date	MD ft.	MD ft.	Perforations	Formation(s)
			_		
			_		
			_		

Please insert additional pages as applicable.

## STIMULATION INFORMATION PER STAGE

Complete a separate record for each stimulation stage.

Stage No.	Stimulations Date	Ave Pump Rate (BPM)	Ave Treatment Pressure (PSI)	Max Breakdown Pressure (PSI)	ISIP (PSI)	Amount of Proppant (lbs)	Amount of Water (bbls)	Amount of Nitrogen/other (units)

Please insert additional pages as applicable.

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API 47 Farm			name			Well numb	oer	
			<u>DEPTHS</u>	_ TVD 		MD		
Please insert ad	lditional pages	as applicable.		<del></del>				
GAS TEST	□ Build up	□ Drawdown	□ Open Flow		OIL TEST	Flow □ Pun	np	
SHUT-IN PRE	SSURE Sur	face	_psi Botto	m Hole	psi	DURATION	OF TEST	hrs
OPEN FLOW		Oil fpd ł		_ bpd _		GAS MEAS		□ Pilot
LITHOLOGY/ FORMATION	TOP DEPTH IN FT NAME TVD  0	BOTTOM DEPTH IN FT TVD	TOP DEPTH IN FT MD  0	BOTTOM DEPTH IN MD	FT DESCRIBE		ID RECORD QUAN ATER, BRINE, OIL,	
	actor		City			State	Zip	
						State	Zip	
Address			City			State	Zip	
Address					<del>_</del> 	State	Zip	
Please insert ad								
Completed bySignature							:	

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