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

API 47-35 - 02316 County Jak	Son District Gran +						
Quad Liver Pool Pad Name	Field/Pool Name						
Farm name Corns, Richard Michael Well Number 339							
Operator (as registered with the OOG) Moun faince	State Operations LLC						
Address Inter Setion R.t. 2 and 56 City Sun	dy ulle State WV. Zip 25275						
Top hole Northing Landing Point of Curve Northing	Easting						
Bottom Hole Northing	Easting						
Elevation (ft) GL Type of Well	DNew Existing Type of Report Interim Dinal						
Permit Type Deviated Horizontal Horizon	tal 6A Depth Type Deep Shallow						
Type of Operation □ Convert □ Deepen □ Drill ゼ	Plug Back Redrilling Rework Stimulate						
Well Type Brine Disposal CBM dGas Oil Sec	ondary Recovery D Solution Mining D Storage D Other						
Type of Completion	ced 🗆 Brine 🗆 Gas 🗆 NGL 🗆 Oil 🗆 Other						
Drilling Media Surface hole □ Air □ Mud □Fresh Wa	ter Intermediate hole						
Production hole							
Mud Type(s) and Additive(s)							
	nenced Date drilling ceased						
Date completion activities began Date completion activities ceased							
Verbal plugging (Y/N) Date permission granted	d Granted by						
Please note: Operator is required to submit a plugging applic	ation within 5 days of verbal permission to plug						
Preshwater depth(s) ft	Open mine(s) (Y/N) depths						
Salt water depth(s) ft Void(s) encountered (Y/N) depths							
Coal depth(s) ft	Cavern(s) encountered (Y/N) depths						
Is coal being mined in area (Y/N)	Reviewed by:						

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JUL 2 27/49/2016

WR-35 Rev. 8/23/13	0.04	1		0 /	44				Page 2 of 2
API 47- 35	<u>- 023/</u>	6 Farm n	ame CXAS	Richard	Mic	kge/weil	number	339	
CASING STRINGS	Hole Size	Casing Size	Depth	New or Used	Grade wt/ft		Basket Depth(s)		ent circulate (Y/N) le details below*
Conductor Surface				ļ	 		.		
Coal					ļ				
Intermediate I					ļ				
Intermediate 2					<u> </u>				
Intermediate 3				 	-			+	
Production				<u> </u>	 				
Tubing					-				
Packer type and de	oth set		l	<u> </u>	1			_J	
Comment Details									
CEMENT [,] DATA	Class/Type of Cement			•	Yield ft ³/sks)	Volume (<u>((</u>)		nent (MD)	WOC (hrs)
Conductor									
Surface									
Coal									
Intermediate 1									
Intermediate 2									
Intermediate 3									
Production									
Tubing			<u> </u>						
Drillers TD (ft)			Loggers ?	(ft) CT				
Deepest forma	tion penetrated	d		Plug back	to (ft)	50 /	7		
Plug back pro	cedure <u>E/e</u>	edole wire	line	Cust from	Brid	ge Plug	5%		
Kick off depth	(ft)								•
Check all wire	line logs run	🗆 caliper 🗆 neutron	□ density □ resistivity		ted/directions		nduction temperature	□soni¢	;
Well cored	Yes 🗆 No	Convent	ional Side	ewali	W	ere cutting	s collected	n Yes 🗆	ı No
DESCRIBE T	HE CENTRA	LIZER PLACEM	IENT USED F	OR EACH C	ASING ST	ring _			
									RECEIVED
•								Off	ice of Oil and C
		AS SHOT HOL							<u> </u>
W. A. C. W	70) (5)	ADD:::0: 22	\						JOE & & FOID
WAS WELL (COMPLETED	OPEN HOLE?	□ Yes □ Ì	NO DET	AILS			10	VV Department
	 							.ا م	ronmental Prote
WERE TRAC	ERS USED	□ Yes □ No	TYPE OF	TRACER(S)	USED	-		Envi	ronmental Prote

API 47-35-023/6 Farm name Corns, Richard Michael Well number 339

PERFORATION RECORD

Stage No.	Perforation date	Perforated from MD ft.	Perforated to MD ft.	Number of Perforations	Pormation(s)
1	6-4-09	4230	4238	16	
A	6-4-09	4136	4140		
2	l ((4094	4098	22	
2	()	4070	4074	32	
à	1.0	4002	4006/		
	Who 4		<u> </u>		
				<u> </u>	

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 Proppent (lbs)	Amount of Water (bbls)	Amount of Nitrogen/other (units)
1	6-5-09	27 MSCFM	2592 051	3786 00	258705			504 mscf
2	6-5-09	27 msc/m 38 msc/m	2592 ps; 2326 ps;	2746	25870s:			504 mscf 524 sscf
					•			
				•				
					<u> </u>			

Please insert additional pages as applicable.

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