

STATE OF WEST VIRGINIA
DEPARTMENT OF ENVIRONMENTAL PROTECTION
OFFICE OF OIL AND GAS

AFFIDAVIT OF PLUGGING AND FILLING WELL

AFFIDAVIT SHOULD BE IN TRIPLICATE, one copy mailed to the Department, one copy to be retained by the Well Operator and the third copy (and extra copies if required) should be mailed to each coal operator at their respective addresses.

Farm name: Shonk Land Company
LOCATION: Elevation: 1,226.3 ft
District: Sherman
Latitude: 12.152.28 Feet
Longitude: 13.193.74 Feet

Operator Well No.: 240
Quadrangle: Sylvester
County: Boone
South of 38 Deg. 07 Min. 30 Sec.
West of 81 Deg. 30 Min. 00 Sec.

Well Type: OIL X GAS

Company: Panther Creek Mining, LLC.
3228 Summit Square Place
Suite 180
Lexington, KY 40509

Coal Operator Panther Creek Mining, LLC - Operator
or Owner _____

Coal Operator _____
or Owner _____

Agent: Gary E. Acord

Permit Issued Date: 04/25/2016

AFFIDAVIT

RECEIVED
Office of Oil and Gas
DEC 10 2017
WV Department of
Environmental Protection

STATE OF WEST VIRGINIA,
County of Kanawha ss:

Gabriel Armendariz and Anthony Stiltner being first duly sworn according to law depose and say that they are experienced in the work of plugging and filling oil and gas wells and were employed by the above named well operator, and participated in the work of plugging and filling the above well, and say that said work was commenced on the 31st day of August, 2017, and that the well was plugged and filled in the following manner:

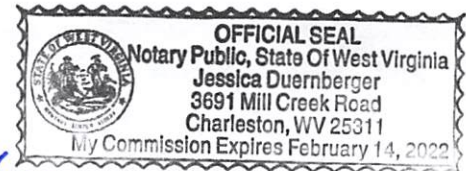
TYPE	FROM	TO	PIPE REMOVED	LEFT
CJ's Well Service Drilled Out	Surface	970.5'	None - drilled out with 10" bit	271' of 10" (476'-747')
Appalachian Well Elog Caliper	Collar	Indicator	Top coal 714' Bottom coal 718.5'	
Appalachian Well Perforated		16 Holes: 714'-718.5'	4 holes: 614', 664', 704', 709', 723.5', 728.5', 746'	
CJ's Well Service Scarified	Surface	970.5'		
CJ's Well Service Ran Tubing	Surface	945.5'		
C&J Energy Services Cemented	970'	511'	200 sacks Expanding Cement (1 st plug)	
C&J Energy Services Cemented	511'	272'	240 sacks Class A Cement (2 nd plug)	
C&J Energy Services Cemented	272'	24'	250 sacks Class A Cement (3 rd plug)	
C&J Energy Services Cemented	24'	Surface	25 sacks Class A Cement (4 th plug)	
			This well is plugged to 101c Standards	

Description of monument: Erect monument with API# 47-005-02341 and that the work of plugging and filling said well was completed on the 28th day of September, 2017. Monument erected on October 5, 2017.

And further deponents saith not.

Sworn and subscribe before me this 19 day of October, 2017
My commission expires: 2/14/2022

Jessica Duernberger
Notary Public



Affidavit reviewed by the Office of Oil and Gas: [Signature]
Title: Inspector

12/15/2017