



pennsylvania
DEPARTMENT OF ENVIRONMENTAL
PROTECTION

APR 11 2019

JKLM Energy LLC
2200 Georgetowne Drive, Suite 500
Sewickley, PA 15143

Attn: Tyler Ragan

Re: Proposed Alternate Method

Dear Mr. Ragan:

The Department has received and reviewed your Application for the Proposed Alternate Method submitted on October 22, 2018. We are granting the Application for the Proposed Alternate Method for Permit No. 37-105-21919, Judson Hollow 302 1HU, located in Pike Township, Potter County.

Please contact the appropriate Oil & Gas Inspector Supervisor with any additional questions or concerns or if anything changes from the original submission.

Sincerely,

A handwritten signature in black ink, appearing to read "Mike Panetti".

Michael Panettieri
Oil and Gas Inspector Supervisor
Eastern Oil and Gas District

Enclosures



COMMONWEALTH OF PENNSYLVANIA
DEPARTMENT OF ENVIRONMENTAL PROTECTION
OFFICE OF OIL AND GAS MANAGEMENT

DEP USE ONLY
Application Tracking #

**Proposed Alternate Method or Material for
Casing, Plugging, Venting or Equipping a Well**

Client 308463
Site 823817
APS 970511
Auth 1249438

Well Operator JKLM ENERGY LLC		DEP ID# 68622	Well Permit or Registration Number 37-105-21919-00-00	
Address 2200 GEORGETOWNE DRIVE, SUITE 500			Well Farm Name Judson Hollow 302	
City SEWICKLEY	State PA	Zip Code 15143	Well # 1HU	Serial #
Phone 724 935 2426	Fax 724 935 2434	County POTTER	Municipality PIKE TOWNSHIP	

A proposed alternate method is subject to provisions in §3221 of the 2012 Oil and Gas Act, 58 Pa. C.S. §3221 Section 13 of the Coal and Gas Resource Coordination Act, 58 P.S. §513 and 25 PA Code §§78.75-78.75a (relating to Alternate Methods.) **Attach proof of notification of coal operator(s).**

Describe in reasonable detail using a written description and / or diagram:

1. the proposed alternate method or materials, and
2. the manner in which the alternative will satisfy the goals of the laws and regulations.

Place top of cement 300' inside the 10 3/4" x 7 5/8" annulus (intermediate #2 section) at 2300'. This will reduce the hydrostatic pressure exerted on the formation during cementing and increase the likelihood of proper zonal isolation. In addition, this will allow for better placement of a slip type hanger system in the wellhead if required. 10 3/4" x 7 5/8" annulus will be accessible through lower casing valves on wellhead system.

RECEIVED

 OCT 22 2018

 Oil & Gas
 Eastern District

Optional: Approval by Coal Owner or Operator		Signature of Applicant / Well Operator	
Signature	Date	Signature	Date
			10/18/2018
Print or Type Signer's Name and Title		Print or Type Signer's Name and Title	
		Tyler Ragan /Drilling Manager	

If optional approval is signed by coal owner or operator, the 15-day objection period may be waived.

DEP USE ONLY		
Approved by (DEP Manager) 	Conditions <input type="checkbox"/> YES, See Attached <input checked="" type="checkbox"/> NO	Date APR 11 2019