



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

DEP USE ONLY	
Auth No. 1297044	APS No.#
Site No. 813518	PF No.
Client No.	SF No.

APPLICATION FOR INACTIVE WELL STATUS

Well Operator Apex Energy (PA), LLC		DEP Client ID No. 307083	Well Permit or Registration No. 37-129-28931-00-00, -01-00	
Address 6041 Wallace Rd. Ext, Bldg. 3, #100			Well Farm Name Fatur	Well No. 11H
City Wexford		State PA	Zip Code 15090	County Westmoreland
Municipality Salem Township		Is this an application for annual extension of inactive status? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No		
Telephone No. 724-719-2611	Fax No.	Bond Instrument No. 1099920	Check here if this application is being submitted for conditional inactive status in association with longwall mining: <input type="checkbox"/>	

Condition of the Well	Describe in detail how the condition of the well satisfies the criteria for approval of inactive status. See 25 Pa. Code §§ 78/78a.102(i), (2)(i) or (ii) and (3). Use additional sheets if necessary. If available, attach well records, driller's logs, and other information describing well casing, cement, equipment, and any other pertinent information. Note that if this application is being submitted in conformance with DEP Technical Guidance Document 800-0810-004 <i>Guidelines for Chain Pillar Development and Longwall Mining Adjacent to Unconventional Wells</i> , the Well Record/Completion Report may be referenced for all well construction information, and all tubing and annular pressures should be at 0 prior to adjacent longwall mining encroaching within 1,500 feet of the well location. Finally, all annuli should be open to the atmosphere and the inactivation procedure may be referenced under the section titled "Other information about the well's condition."
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Well Type: Gas Oil Combination Oil & Gas Injection Storage Disposal

Casing Diameters: 13.38"	Casing Lengths: 750'	Type and amount of cement (sacks) used for surface casing: 560 TYPE A
9.625"	2741'	Tubing or Production Casing Pressure (current): 0
		If an oil well, state the depth to fluid in the surface casing:
		Annulus Pressure (current - between tubing or production casing and surface casing): 0
Tubing or production casing diameter:	Tubing or production casing length:	Are all annuli open to atmosphere? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No

Other information about the well's condition:
The well is currently in good condition and poses no threat to the following:

- Health and safety of persons, property or the environment.
- Producing zone or contamination of fresh water or other natural resources or surface leakage of substances.

Future Use of the Well	Describe a viable plan in accordance with 25 Pa. Code §78/78a.102(4) explaining the intended use of the well within a reasonable time. Provide the information requested below and any other information necessary for DEP to make a determination on inactive status for this well. Note that if this application is being submitted in conformance with DEP Technical Guidance Document 800-0810-004 <i>Guidelines for Chain Pillar Development and Longwall Mining Adjacent to Unconventional Wells</i> , the following text may be entered under the section regarding the future plan for the well: "Return well to production subsequent to final panel extraction when mining is at least 1,500 feet beyond well in chain pillar, as per re-entry procedure and TGD."
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Provide certification that one of the following applies (check one):

Significant reserves remain in place and I plan to return the well to production.

Provide estimate of reserves: **MMcf:** **Bbls:**

The well will be used for: Disposal Storage Observation Injection - Recovery Other (describe)

This well will be returned to use in: Month: **Year:**

State your plan for future use of the well.

The Fatur 11H well was drilled to 8,557' and operations have been suspended due to scheduling changes. The well will be monitored and inspected until drilling resumes.

Conditional Inactive Status Checklist


For unconventional wells drilled in anticipated chain pillar locations that are being temporarily inactivated to accommodate planned, adjacent longwall mining, please provide the items included in the checklist below in addition to this application. More specific information about these items is detailed in DEP Technical Guidance Document 800-0810-004 *Guidelines for Chain Pillar Development and Longwall Mining Adjacent to Unconventional Wells*.

Please include the following items with the inactive status application:


- Temporary Well Inactivation Procedure
- Temporary Inactivation Well Schematic
- General Specifications for Cements/Gels
- Current Well Record and Completion Report
- Well Location Plat
- Electrical/Mechanical Well Logs
- Graphical Production History Summary
- Well Re-entry Procedure
- Post-mining Well Long-term Monitoring Procedure

Provide additional details, if necessary.

Signature of Applicant (Well Operator)

Signature:  Date: 11/20/19
 Print or type signer's name and title: Minh Nguyen, VP of Operations

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Approved Denied Date: 12/7/19
 by (DEP Manager): 

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DEP USE ONLY	
Site ID	Client Id
Primary Facility Id	Sub Facility Id

Well Record
(Unconventional Operators Only)

WELL INFORMATION										
Well Operator Apex Energy (PA) LLC			DEP ID# 307083		US Well No. (API No.) 37-129-28931-01-00			Farm Name Fatur		Well # 11H
Address 6041 Wallace Rd Ext, Suite 100			Latitude (DD) 40. 4213834		NAD 83	Project Number		Serial #		
City Wexford		State Pa	Zip 15090	Municipality Salem Twp		County Westmoreland			Borrow Pit	
Phone 724-719-2611		Email Mnguyen@apexenergyllc.c		USGS 7.5 min. quadrangle map Slickville			Section 5			

Check the appropriate Submission: Original Well Record Amended Well Record

Well Type	<input checked="" type="checkbox"/> Gas	Wellbore Conditioning: Landed curve portion and circulated 3 bottoms up and pull of hole. Install TA plug and rig down.
Well Orientation	<input type="checkbox"/> Vertical <input checked="" type="checkbox"/> Deviated from Vertical (Top & Side views & Deviation Survey must be attached)	
Drill Method(s)	<input checked="" type="checkbox"/> Rotary - Air 750' <input checked="" type="checkbox"/> Rotary - Mud 8609' <input type="checkbox"/> Cable Tool <input type="checkbox"/> Other	
Drilling Started 05/08/2017	Surface Elev. 1337 ft.	
Drilling Complete 05/13/2017	True Vertical Depth 7821 ft.	GW Depth 30 ft.
Date Well Completed	Total Measured Depth 8609 ft.	Depth of DFGW60 ft.
		DFGW decided by: 0

CEMENT

Cement returned on surface casing? Yes No If No, provide depth to top of cement and method used to determine:

Cement returned on coal protective casing? Yes No If No, provide depth to top of cement and method used to determine: NA

Cement returned on intermediate casing? Yes No If No, provide depth to top of cement and method used to determine: NA

Casing String	Type/Class of Cement (Lead/Tail)	Slurry Temp F°	Amount of Cement (sks) (Lead/Tail/Total)	WOC hrs	WT PPG	Yd /#3 /sk	Gas Migration Controls Used
Conductor	NA / NA	°	/ /				What controls were used if any (additives/hardware. Specify type and depth applicable).
Surface	NA / TYPE 1	°	/ 560 / 560				Cent
Coal Protective	NA / NA	°	/ /				Cent & (2)Swellable Seals
Intermediate	TYPE 1 / TYPE 1	°	911 / 180 / 1091				
Production	N/A / N/A	°	/ /				
if additional strings attach form(s)			Total 1651				

CASING AND TUBING

Hole Size	Pipe Size	Wt. #/ft.	Grade Casing / Tubing Type	Thread / Weld - New/ Used	Amount in Well (ft.)	CO	R	Hardware - Baskets / Packer / Centralizers (Total/String)		Date Run	
								Type	Depth		
17.5	13.38	54.5	J-55 DQX	T - N	750	US	Y	FS, FC, (7) Centralizer	13-3/8x17-1/2	778	03/07/2017
12.25	9.625	36	J-55 LTC	T - N	2741	US	Y	FS, FC, (22) Centralizer, (2)	9-5/8x12-1/4	2751	03/14/2017
				-							
				-							
				-							

If any casing is welded, provide the name(s) of the welder(s):

PLUG-BACK/WELLBORE ALTERATION

Fill Material & Plugs	Depth		Date	Casing & Tubing		
	From	To		Size	Pulled	Left

LOG OF FORMATIONS

US Well No. (API No.): **37-129-28931-01-00**

(If you will need more space than this page, please photocopy the blank form before filling it in.)

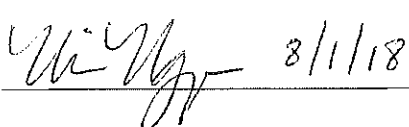
Formation Name or Lithology	Top (feet)	Bottom (feet)	Gas at (feet)	Oil at (feet)	Water at (fresh / brine; ft.)	Source of Data
SAND & SHALE	-----0	1212			F 30/60	GEOLOGIST
BIG LIME	1212	1389				
BIG INJUN	1389	1521				
SAND & SHALE	1521	1802				
2 ND GAS	1802	1824				
SAND & SHALE	1824	1931				
MURRYSVILLE	1931	2038				
SAND&SHALE	2038	2070				
SPEECHLY	3369	3545				
SAND & SHALE	3545	5202				
ELK	5202	5393				
RHINESTREET	5393	7399	6825			
GENESEO	7399	7419				
TULLY	7419	7455				
HAMILTON	7455	7678				
MARCELLUS	7678		7822			

If no show of oil, gas or water, explain why:

WELL SERVICE COMPANIES (Provide the name, address, and telephone number of all well service companies involved.)

Casing Source	Cementing Company	Hardware Supplier	Logging Company
Name Ken Miller Supply	Name UNIVERSAL PUMPING SERVICES	Name KEN MILLER SUPPLY / WEATHERFORD	Name PHEONIX/RAPTOR/GYRODATA/SC HLUMBERGER/HALLIBURTON
Address 5484 RT 286 HWY E	Address 201 ARCH STREET	Address 5484 RT 266 HWY E / 212 HILLPOINT DR STE 300	Address SEE ATTACHMENT
City - State - Zip INDIANA PA 15701	City - State - Zip MEADVILLE PA 16335	City - State - Zip INDIANA 15701/ CANONSBURG 15317 PA	City - State - Zip PA
Phone 724-465-8875	Phone 814-373-3218	Phone 724-465-8875 / 724-745-7050	Phone

I do hereby certify to the best of my knowledge, information and belief that the well identified on this Well Record has been properly cased and cemented in accordance with the requirements of 25 Pa. Code Chapter 78a and any conditions contained in the permit for this well. In addition, I do hereby certify that any casing which is attached to a blow-out preventer with a pressure rating greater than 3,000 psi has passed a pressure test in accordance with 25 Pa. Code §78a.84(f). I am aware that there are significant penalties for submitting false information, including the possibility of fine and imprisonment.

Driller	Well Operator's Signature	DEP USE ONLY
Name ORION MINTAKA /PATTERSON-UTI Rig 16 / 334 Address 601 AVIATION WAY / 2017 CARLTON DR	 8/1/18	Reviewed by:

City - State- Zip REYNOLDSVILLE/ EIGHTYFOUR PA 15851/1533	Printed Name / Title: Minh Nguyen / VP Operations	Date: 8/1/2018	Comments:
Phone 814-328-2134 / 724-239-2812			