



**April 15, 2026**

**RE: Inactive Well Status Approval**

Dear Operator:

The Department received and reviewed your applications for Inactive Well Status. Inactive Status has been granted for the following wells:

- Permit Number 123-48932 Expires: 04/15/2031
- Permit Number 123-48933 Expires: 04/15/2031
- Permit Number 123-48934 Expires: 04/15/2031
- Permit Number 123-48935 Expires: 04/15/2031
- Permit Number 123-48936 Expires: 04/15/2031
- Permit Number 123-48937 Expires: 04/15/2031

Inactive status is valid for five years. Inactive status may be renewed at the end of this five-year period by applying for renewal and demonstrating the well continues to meet the requirements. The Department requires that you monitor the well for mechanical integrity on an annual basis. The operator shall provide the Department three (3) working days prior notice of the annual monitoring and mechanical integrity testing. The Department's Mechanical Integrity Assessment Report – Form C (enclosed) may be completed to satisfy this requirement. You will report these results along with an update on the progress of returning the wells to production to the Northwest Regional Office by March 31st of the following year. All notifications, testing results, and progress updates should be submitted via email to:

RA-EPOILGASDROPBOX@pa.gov.

The Department may revoke inactive status and order immediate plugging if any of the following occurs:

1. Well is in violation of laws or regulations;
2. Inability to perform obligations under the Oil and Gas Act.
3. Well no longer satisfies inactive status criteria.
4. Failure to perform and report the annual mechanical integrity testing on time

Pursuant to section 3214(d) of the Oil & Gas Act, 58 Pa. C.S. § 3214(d), an owner or operator of a well granted inactive status shall notify the Department when the well has been returned to active status. The form is located at

<https://files.dep.state.pa.us/OilGas/BOGM/BOGMPortalFiles/OilGasReports/OilGasForms.pdf>.

Please contact Mark Novak at [mtnovak@pa.gov](mailto:mtnovak@pa.gov) or 814-332-6112 with any questions.

Sincerely,

*Scott M. Dudzic*

Scott M. Dudzic  
Northwest District Oil and Gas Manager  
District Oil and Gas Operations

Enclosures

cc: Brian Shank  
Marshall Wurst  
Mark Novak  
NWRO File



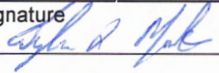
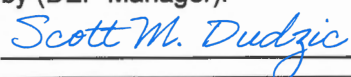
**Conditional  
Inactive Status  
Checklist**

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)	DEP USE ONLY
<p>Signature <u></u> Date <u>3/10/2026</u></p> <p>Print or type signer's name and title: <u>Tyler Q. Martin, Environmental Care Coordinator</u></p>	<p><input checked="" type="checkbox"/> Approved <input type="checkbox"/> Denied Date <u>4/15/2026</u></p> <p>by (DEP Manager): <u></u></p>

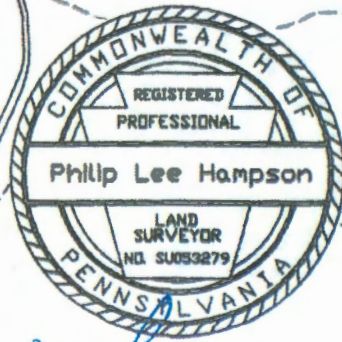
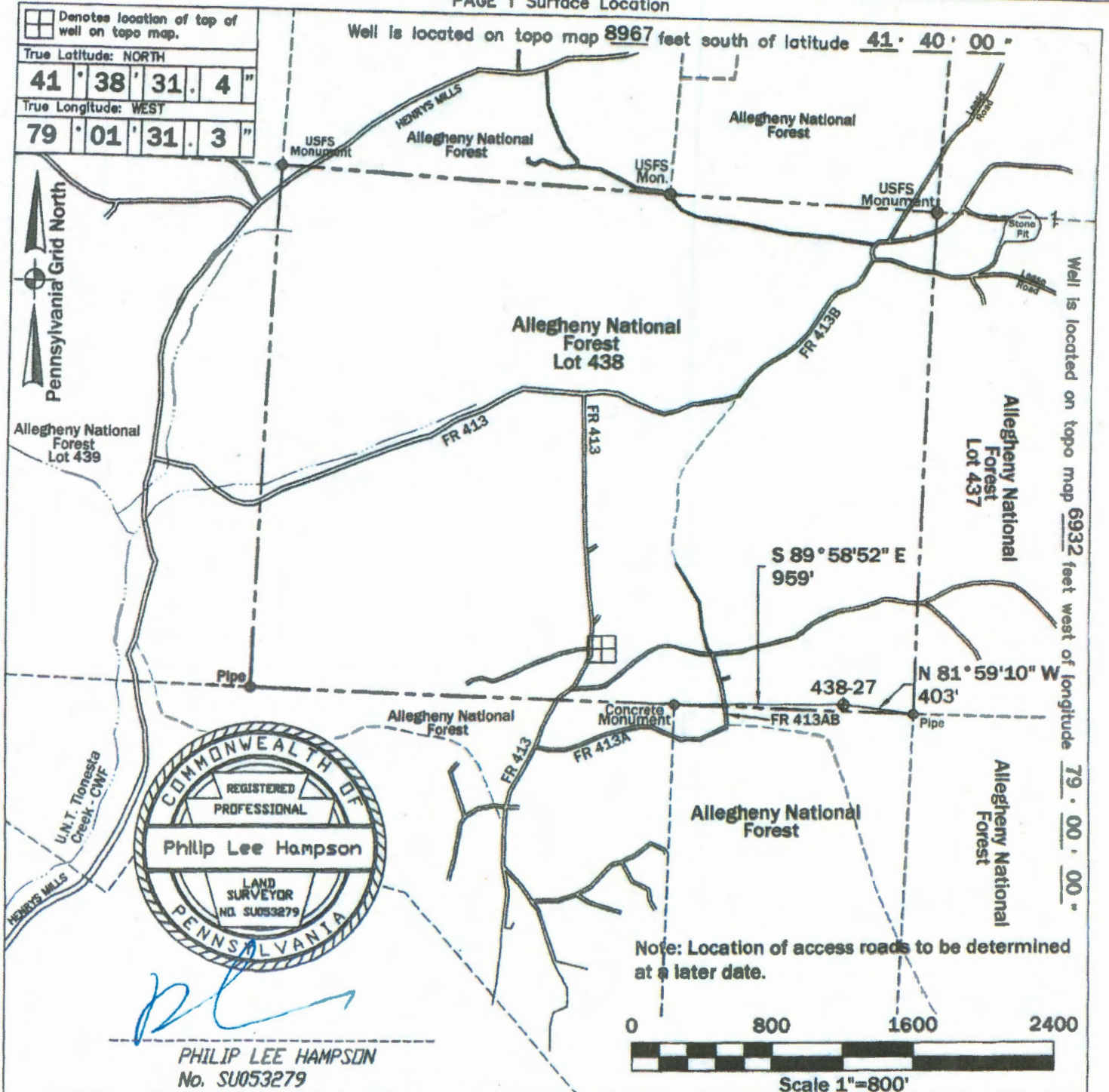


COMMONWEALTH OF PENNSYLVANIA  
DEPARTMENT OF ENVIRONMENTAL PROTECTION  
OFFICE OF OIL AND GAS MANAGEMENT

DEP	Auth ID #:	G:
USE	Permit #:	C:
ONLY	Project #:	

WELL LOCATION PLAT

PAGE 1 Surface Location



*Philip Lee Hampson*  
PHILIP LEE HAMPSON  
No. SU053279

Note: Location of access roads to be determined at a later date.

Applicant/Well Operator Name: <b>Cameron Energy Company</b>		DEP ID #: <b>300544</b>	Well (Farm) Name: <b>Cochran Lot 438</b>		Well #: <b>438-27</b>	Serial #:
Address: <b>507 Cherry Grove Road, Clarendon, PA 16313</b>			County: <b>Warren - 62</b>	Municipality: <b>Sheffield Township</b>	Well Type: <b>Oil</b>	
911 address of well site: <b>N/A</b>			USGS 7 1/2" Quadrangle Map Name: <b>Sheffield - 513</b>	Map Section: <b>9</b>	Surface Elevation: <b>1822 ft.</b>	
Surveyor or Engineer: <b>Philip L. Hampson</b>	Phone #: <b>814-730-1822</b>	Dwg #: <b>E:\438-27</b>	Date: <b>3/11/2024</b>	Scale: <b>1"=800'</b>	Tract Acreage: <b>+/-250 Acres</b>	
Lat. & Long Metadata Method: <b>Direct GPS</b>	Accuracy: <b>+/-1.5' ft.</b>	Datum: <b>NAD 83</b>	Elevation Metadata Method: <b>Scaled LIDAR</b>	Accuracy: <b>ft.</b>	Datum: <b>NGVD29</b>	Survey Date: <b>3/8/2024</b>



**pennsylvania**  
DEPARTMENT OF ENVIRONMENTAL PROTECTION

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

**Well Record**

DEP USE ONLY	
Site ID <b>871978</b>	Client Id
Client Id <b>300544</b>	Sub Facility Id <b>1414006</b>

**WELL INFORMATION**

Well Operator <b>Cameron Energy Company</b>	DEP ID# <b>300544</b>	Well API # <b>37-123-48932-00-00</b>	Well Farm Name <b>Cochran Lot 438</b>	Well # <b>438-27</b>
Address <b>507 Cherry Grove Road</b>		LAT- <b>41°38' 31.4016</b> LONG - <b>-79°1' 31.2996</b>	Project Number	Serial #
City <b>Clarendon</b>	State <b>PA</b>	Zip <b>16313</b>	Municipality <b>Sheffield Township</b>	County <b>Warren</b>
Phone <b>814-968-3337</b>	Fax <b>814-968-3330</b>	Email <b>accounts@cameronenergycompany.com</b>	USGS 7.5 min. quadrangle map <b>Sheffield</b>	Section <b>9</b>

Check the appropriate Submission:  Original Well Record  Amended Well Record

Well Type	<input type="checkbox"/> Gas <input checked="" type="checkbox"/> Oil <input type="checkbox"/> Combination Oil & Gas <input type="checkbox"/> CBM <input type="checkbox"/> Injection <input type="checkbox"/> Disposal <input type="checkbox"/> Storage	Wellbore Conditioning:
Well Orientation	<input checked="" type="checkbox"/> Vertical <input type="checkbox"/> Deviated from Vertical (Top & Side views & Deviation Survey must be attached)	
Drill Method(s)	<input checked="" type="checkbox"/> Rotary - Air '2050 <input type="checkbox"/> Rotary - Mud <input type="checkbox"/> Cable Tool <input type="checkbox"/> Other	
Drilling Started 5/8/2025	Surface Elev 1882 ft. GW Depth 195 ft.	
Drilling Complete 5/14/2025	True Vertical Depth 2050 ft. Depth of DFGW 460 ft.	
Date Well Completed 5/14/2025	Total Measured Depth 2050 ft. DFGW decided by: 6	

**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	WK PPG	Yield ft <sup>3</sup> /sk	Gas Migration Controls Used
Conductor	/	°	/ /				What controls were used if any (additives/ hardware. Specify type and depth applicable).
Surface	Portland / Type 1	68°	/ / 95	8		1	
Coal Protective	/	°	/ /				
Intermediate	/	°	/ /				
Production	/	°	/ /				
Production	/	°	/ /				
If additional strings attach form(s)	Total						

**CASING AND TUBING**

Hole Size	Pipe Size	Wt. #/ft.	Grade Casing / Tubing Type	Thread / Weld - New/ Used	Amount in Well (ft.)	Hardware - Baskets / Packer / Centralizers (Total/String)			Date Run
						Type	Size	Depth	
11"	8 5/8"	26#	16.95	W - N	17'	Centralizer		50'	5/6/2025
8"	6 5/8"	16#	12.94	W - N	656'	Centralizer		150'	5/9/2025
				-		Centralizer		300'	
				-		Centralizer		450'	
				-		Centralizer		600'	

If any casing is welded, provide the name(s) of the welder(s): Kyle Voty, Cameron Energy Company

**PLUG-BACK/WELLBORE ALTERATION**

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

**LOG OF FORMATIONS**

Well API#: 37-123-48932-00-00

(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
Sandstone and Shale	-----0	1610				Driller Driller Driller
Glade	1610	1630				Interpolated
Shale	1630	1650				Interpolated
Clarendon	1650	1690				Interpolated
Shale	1690	1780				Interpolated
Balltown	1780	1800				Interpolated
Shale	1800	1830				Interpolated
Cherry Grove	1830	1850				Interpolated
Shale	1850	1900				Interpolated
Cooper	1900	1950				Interpolated
Shale	1950	2050				Interpolated

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 Victory Steel	Name Cameron Energy Company	Name Hoover Oil Field Supply	Name
Address 11166 Tesson Ferry Road	Address 507 Cherry Grove Road	Address Route 6	Address
City - State - Zip St. Louis, MO 63123	City - State - Zip CLARENDON, PA 16313	City - State - Zip CLARENDON PA 16313	City - State - Zip
Phone 314-849-7272	Phone 814-968-3337	Phone 814-726-1900	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 78 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 §78.84(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 Cameron Energy Company	Rig 2	 Printed Name / Title: John Stewart / Operations Manager		Reviewed by:	
Address 507 Cherry Grove Road				Eric Wymer 6/2/2025	
City - State - Zip CLARENDON PA 16313				Date: 5/29/2025	
Phone 814-968-3337				Comments:	



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

DEP USE ONLY	
Auth No. 1562513	APS No.# 1111578
Site No. 871979	PF No. 871979
Client No. 300544	SF No. 1414025

**APPLICATION FOR INACTIVE WELL STATUS**

Well Operator Cameron Energy Company		DEP Client ID No. 300544/68490	Well Permit or Registration No. 37-123-48933	
Address 507 Cherry Grove Road			Well Farm Name Cochran Lot 438	Well No. 438-28
City Clarendon		State PA	Zip Code 16313	County Warren
		Municipality Sheffield Township		
Telephone No. (814) 968-3337	Fax No. (814) 968-3330	Bond Instrument No. 13420		Is this an application for annual extension of inactive status? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
				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 *Guidelines for Chain Pillar Development and Longwall Mining Adjacent to Unconventional Wells*, 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."

**Well Type:**  Gas  Oil  Combination Oil & Gas  Injection  Storage  Disposal

Casing Diameters: 8 5/8	Casing Lengths: 83'	Type and amount of cement (sacks) used for surface casing: Portland Type 1 85sks	
6 5/8	612'	Tubing or Production Casing Pressure (current):	If an oil well, state the depth to fluid in the surface casing:
		Annulus Pressure (current - between tubing or production casing and surface casing): 5 lbs	
Tubing or production casing diameter: 6 5/8"	Tubing or production casing length: 612'	Are all annuli open to atmosphere? <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No	

Other information about the well's condition:  
Drilling was completed in May 2025 and the well has mechanical integrity. We are satisfied there are adequate reserves to make the well economically viable and intend to complete the well as soon as possible. Equipment failure, mechanical issues, and weather have caused the delay in completion.

**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 *Guidelines for Chain Pillar Development and Longwall Mining Adjacent to Unconventional Wells*, 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."

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: January Year: 2031**

State your plan for future use of the well.  
This well will be completed when personnel and equipment become available.

**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:

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- 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: *Tyler Q. Martin* Date: 3/10/2026  
 Print or type signer's name and title: Tyler Q. Martin, Environmental Care Coordinator

**DEP USE ONLY**

Approved  Denied Date: 4/15/2026  
 by (DEP Manager): *Scott M. Dudzic*

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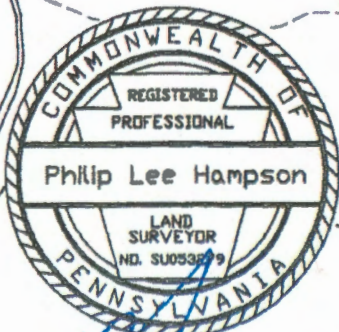
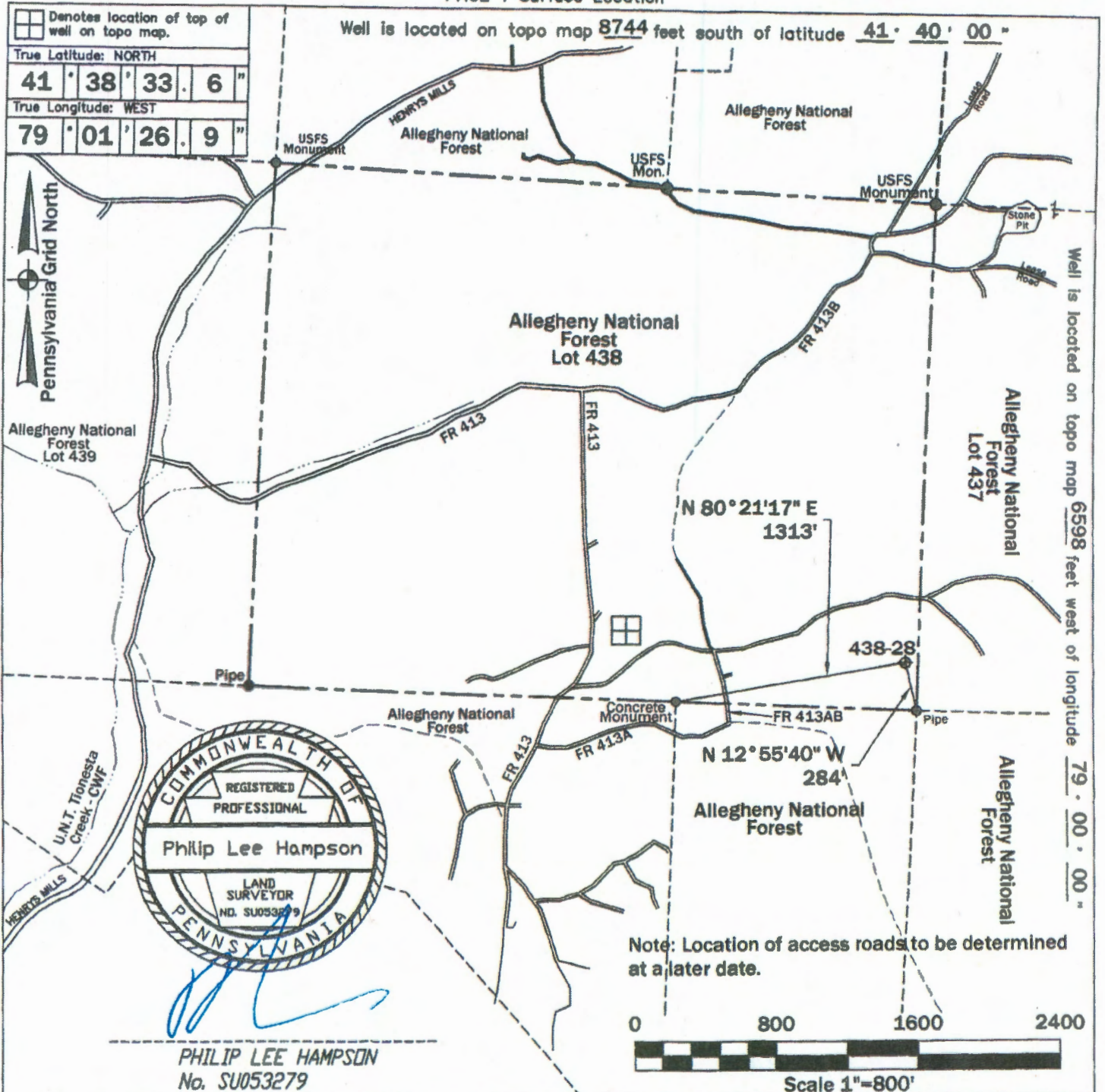


COMMONWEALTH OF PENNSYLVANIA  
DEPARTMENT OF ENVIRONMENTAL PROTECTION  
OFFICE OF OIL AND GAS MANAGEMENT

DEP	Auth ID #:	G:
	Permit #:	C:
	Project #:	

WELL LOCATION PLAT

PAGE 1 Surface Location



PHILIP LEE HAMPSON  
No. SU053279

Applicant/Well Operator Name: <b>Cameron Energy Company</b>		DEP ID # <b>300544</b>	Well (Farm) Name: <b>Cochran Lot 438</b>		Well #: <b>438-28</b>	Serial #:
Address: <b>507 Cherry Grove Road, Clarendon, PA 16313</b>			County: <b>Warren - 62</b>	Municipality: <b>Sheffield Township</b>	Well Type: <b>Oil</b>	
911 address of well site: <b>N/A</b>			USGS 7½' Quadrangle Map Name: <b>Sheffield - 513</b>	Map Section: <b>9</b>	Surface Elevation: <b>1820 ft.</b>	
Surveyor or Engineer: <b>Philip L. Hampson</b>	Phone #: <b>814-730-1822</b>	Dwg #: <b>E: 438-28</b>	Date: <b>3/11/2024</b>	Scale: <b>1"=800'</b>	Tract Acreage: <b>+/-250 Acres</b>	
Lat. & Long Metadata Method: <b>Direct GPS</b>	Accuracy: <b>+/-15' ft.</b>	Datum: <b>NAD 83</b>	Elevation Metadata Method: <b>Scaled LIDAR</b>	Accuracy: <b>LIDAR ft.</b>	Datum: <b>NGVD29</b>	Survey Date: <b>3/8/2024</b>



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DEPARTMENT OF ENVIRONMENTAL PROTECTION  
OFFICE OF OIL AND GAS MANAGEMENT

DEP USE ONLY	
Site ID <b>871979</b>	Client Id
Client Id <b>300544</b>	Sub Facility Id <b>1414025</b>

Electronically received 6/11/25 BS  
email Wymer cc Wurst & Hogue

**Well Record**

**WELL INFORMATION**

Well Operator <b>Cameron Energy Company</b>	DEP ID# <b>300544</b>	Well API # <b>37-123-48933-00-00</b>	Well Farm Name <b>Cochran Lot 438</b>	Well # <b>438-28</b>
Address <b>507 Cherry Grove Road</b>		LAT- <b>41°38' 33.6012</b> LONG - <b>-79°1' 26.9004</b>	NAD 83	Project Number Serial #
City <b>Clarendon</b>	State <b>PA</b>	Zip <b>16313</b>	Municipality <b>Sheffield Township</b>	County <b>Warren</b>
Phone <b>814-968-3337</b>	Fax <b>814-968-3330</b>	Email <b>accounts@cameronenergycompany.com</b>	USGS 7.5 min. quadrangle map <b>Sheffield</b>	Section <b>9</b>

Check the appropriate Submission:  Original Well Record  Amended Well Record

Well Type	<input type="checkbox"/> Gas <input checked="" type="checkbox"/> Oil <input type="checkbox"/> Combination Oil & Gas <input type="checkbox"/> CBM <input type="checkbox"/> Injection <input type="checkbox"/> Disposal <input type="checkbox"/> Storage	Wellbore Conditioning:
Well Orientation	<input checked="" type="checkbox"/> Vertical <input type="checkbox"/> Deviated from Vertical (Top & Side views & Deviation Survey must be attached)	
Drill Method(s)	<input checked="" type="checkbox"/> Rotary - Air 2050' <input type="checkbox"/> Rotary - Mud ' <input type="checkbox"/> Cable Tool ' <input type="checkbox"/> Other ' !	
Drilling Started 4/21/2025	Surface Elev 1820 ft. GW Depth 193 ft.	
Drilling Complete 5/5/2025	True Vertical Depth 2050 ft. Depth of DFGW 415 ft.	
Date Well Completed 5/5/2025	Total Measured Depth 2050 ft. DFGW decided by: 6	

**CEMENT**

Cement returned on surface casing?	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No	If No, provide depth to top of cement and method used to determine:
Cement returned on coal protective casing?	<input type="checkbox"/> Yes <input type="checkbox"/> No	If No, provide depth to top of cement and method used to determine: <input checked="" type="checkbox"/> NA
Cement returned on intermediate casing?	<input type="checkbox"/> Yes <input type="checkbox"/> No	If No, provide depth to top of cement and method used to determine: <input checked="" type="checkbox"/> NA

Casing String	Type/Class of Cement (Lead/Tail)	Slurry Temp F°	Amount of Cement (sks) (Lead/Tail/Total)	WOC hrs	WT PPG	Yld #/sk	Gas Migration Controls Used
Conductor	/	°	/ /				What controls were used if any (additives/ hardware. Specify type and depth applicable).
Surface	Portland / Type 1	60°	/ / 85	8		1	
Coal Protective	/	°	/ /				
Intermediate	/	°	/ /				
Production	/	°	/ /				
	/	°	/ /				
If additional strings attach form(s)			Total				

**CASING AND TUBING**

Hole Size	Pipe Size	Wt. #/ft.	Grade Casing / Tubing Type	Thread / Weld - New/ Used	Amount In Well (ft.)	Hardware - Baskets / Packer / Centralizers (Total/String)			Date Run
						Type	Size	Depth	
11"	8 5/8"	26#	16.95	W - N	83'	Centralizer		50'	4/21/2025
8"	6 5/8"	16#	12.94	W - N	612'	Centralizer		125'	4/29/2025
				-		Centralizer		275'	
				-		Centralizer		425'	
				-		Centralizer		575'	

If any casing is welded, provide the name(s) of the welder(s): Kyle Voty, Cameron Energy Company

**PLUG-BACKWELLBORE ALTERATION**

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

**LOG OF FORMATIONS**

Well API#: **37-123-48933-00-00**

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


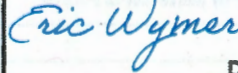
Formation Name or Lithology	Top (feet)	Bottom (feet)	Gas at (feet)	Oil at (feet)	Water at (fresh / brine; ft.)	Source of Data
Sandstone and Shale	-----0	1610				Driller Driller Driller
Glade	1610	1630				Interpolated
Shale	1630	1650				Interpolated
Clarendon	1650	1690				Interpolated
Shale	1690	1780				Interpolated
Balltown	1780	1800				Interpolated
Shale	1800	1830				Interpolated
Cherry Grove	1830	1850				Interpolated
Shale	1850	1900				Interpolated
Cooper	1900	1950				Interpolated
Shale	1950	2050				Interpolated

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 Victory Steel	Name Cameron Energy Company	Name Hoover Oil Field Supply	Name
Address 11166 Tesson Ferry Road	Address 507 Cherry Grove Road	Address Route 6	Address
City - State - Zip St. Louis, MO 63123	City - State - Zip CLARENDON, PA 16313	City - State - Zip CLARENDON PA 16313	City - State - Zip
Phone 314-849-7272	Phone 814-968-3337	Phone 814-726-1900	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 78 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 §78.84(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 Cameron Energy Company	Rig 2	 Printed Name / Title: John Stewart / Operations Manager	Date: 6/11/2025	Reviewed by:	
Address 507 Cherry Grove Road				 6/17/2025	
City - State - Zip CLARENDON PA 16313				Date:	
Phone 814-968-3337				Comments:	



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

DEP USE ONLY	
Auth No. 1562511	APS No.# 1111583
Site No. 871981	PF No. 874800
Client No. 300544	SF No. 1414048

**APPLICATION FOR INACTIVE WELL STATUS**

Well Operator Cameron Energy Company		DEP Client ID No. 300544/68490	Well Permit or Registration No. 37-123-48934	
Address 507 Cherry Grove Road			Well Farm Name Cochran Lot 438	Well No. 438-29
City Clarendon	State PA	Zip Code 16313	County Warren	Municipality Sheffield Township
Telephone No. (814) 968-3337	Fax No. (814) 968-3330	Bond Instrument No. 13420	Is this an application for annual extension of inactive status? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	
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 *Guidelines for Chain Pillar Development and Longwall Mining Adjacent to Unconventional Wells*, 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."

**Well Type:**  Gas  Oil  Combination Oil & Gas  Injection  Storage  Disposal

Casing Diameters: 8 5/8	Casing Lengths: 21'	Type and amount of cement (sacks) used for surface casing: Portland Type 1 64sks	
6 5/8	612'	Tubing or Production Casing Pressure (current):	If an oil well, state the depth to fluid in the surface casing:
		Annulus Pressure (current - between tubing or production casing and surface casing): 5 lbs	
Tubing or production casing diameter: 6 5/8"	Tubing or production casing length: 612'	Are all annuli open to atmosphere? <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No	

Other information about the well's condition:  
Drilling was completed in May 2025 and the well has mechanical integrity. We are satisfied there are adequate reserves to make the well economically viable and intend to complete the well as soon as possible. Equipment failure, mechanical issues, and weather have caused the delay in completion.

**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 *Guidelines for Chain Pillar Development and Longwall Mining Adjacent to Unconventional Wells*, 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."

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: January                      Year: 2031**

State your plan for future use of the well.  
This well will be completed when personnel and equipment become available.

**Conditional Inactive Status Checklist**

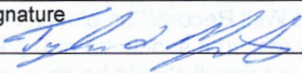
For unconventional wells drilled in anticipated chain pillar locations that are being temporarily inactivated to accommodate planned, adjacent longwall mining, please provide the items included in the checklist below in addition to this application. More specific information about these items is detailed 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: 3/10/2026  
 Print or type signer's name and title: Tyler Q. Martin, Environmental Care Coordinator

**DEP USE ONLY**

Approved  Denied Date: 4/15/2026  
 by (DEP Manager): 



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

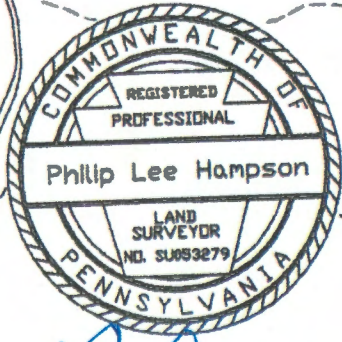
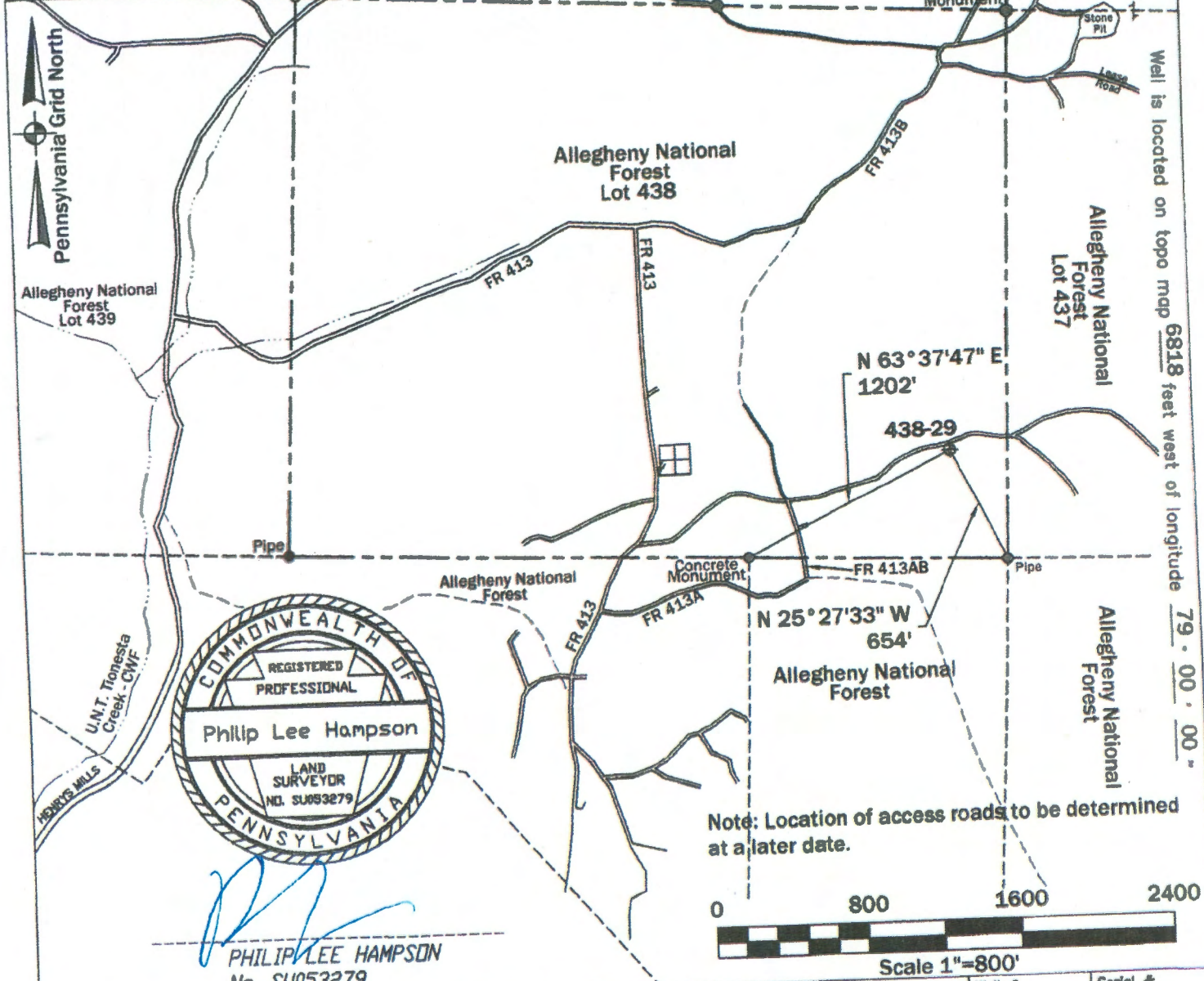
Auth ID #:	G:
Permit #:	C:
Project #:	

WELL LOCATION PLAT

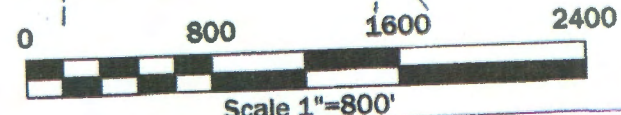
PAGE 1 Surface Location

	Denotes location of top of well on topo map.
True Latitude: NORTH	
41	38' 36.7"
True Longitude: WEST	
79	01' 29.8"

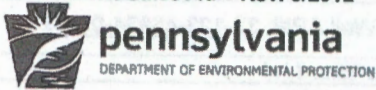
Well is located on topo map 8431 feet south of latitude 41° 40' 00"



*Philip Lee Hampson*  
PHILIP LEE HAMPSON  
No. SU053279



Applicant/Well Operator Name: Cameron Energy Company		DEP ID # 300544	Well (Farm) Name: Cochran Lot 438		Well #: 438-29	Serial #:
Address: 507 Cherry Grove Road, Clarendon, PA 16313			County: Warren - 62	Municipality: Sheffield Township		Well Type: Oil
911 address of well site: N/A			USGS 7 1/2' Quadrangle Map Name: Sheffield - 513	Map Section: 9	Surface Elevation: 1770 ft.	
Surveyor or Engineer: Philip L. Hampson	Phone #: 814-730-1822	Dwg #: E: 438-29	Date: 3/11/2024	Scale: 1"=800'	Tract Acreage: +/-250 Acres	
Lat. & Long Metadata Method: Direct GPS		Accuracy: +/-15' ft.	Datum: NAD 83	Elevation Metadata Method: Scaled LIDAR	Accuracy: ft.	Datum: NGVD29
						Survey Date: 3/8/2024



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

DEP USE ONLY	
Site ID 871981	Client Id
Client Id 300544	Sub Facility Id 1414048

Well Record

WELL INFORMATION										
Well Operator Cameron Energy Company			DEP ID# 300544	Well API # 37-123-48934-00-00			Well Farm Name Cochran Lot 438		Well # 438-29	
Address 507 Cherry Grove Road			LAT- 41°38' 36.7008		NAD 83	Project Number		Serial #		
			LONG - -79°1' 29.7984							
City Clarendon		State PA	Zip 16313	Municipality Sheffield Township			County Warren			
Phone 814-968-3337		Fax 814-968-3330		Email accounts@cameronenergycompany.com			USGS 7.5 min. quadrangle map Sheffield		Section 9	

Check the appropriate Submission:  Original Well Record  Amended Well Record

Well Type	<input type="checkbox"/> Gas <input checked="" type="checkbox"/> Oil <input type="checkbox"/> Combination Oil & Gas <input type="checkbox"/> CBM <input type="checkbox"/> Injection <input type="checkbox"/> Disposal <input type="checkbox"/> Storage	Wellbore Conditioning:
Well Orientation	<input checked="" type="checkbox"/> Vertical <input type="checkbox"/> Deviated from Vertical (Top & Side views & Deviation Survey must be attached)	
Drill Method(s)	<input checked="" type="checkbox"/> Rotary - Air 2000' <input type="checkbox"/> Rotary - Mud <input type="checkbox"/> Cable Tool <input type="checkbox"/> Other	
Drilling Started 5/15/2025	Surface Elev 1770 ft. GW Depth 143 ft.	
Drilling Complete 5/21/2025	True Vertical Depth 2000 ft. Depth of DFGW 420 ft.	
Date Well Completed 5/21/2025	Total Measured Depth 2000 ft. DFGW decided by: 6	

CEMENT

Cement returned on surface casing?  Yes  No  
 Cement returned on coal protective casing?  Yes  No  
 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 (ske) (Lead/Tail/Total)	WOC hrs	W PPG	Yld #3 /sk	Gas Migration Controls Used
Conductor	/	°	/ /				What controls were used if any (additives/ hardware. Specify type and depth applicable).
Surface	Portland / Type 1	52°	/ / 64	8		1	
Coal Protective	/	°	/ /				
Intermediate	/	°	/ /				
Production	/	°	/ /				
	/	°	/ /				
If additional strings attach form(s)			Total				

CASING AND TUBING

Hole Size	Pipe Size	Wt. #/ft.	Grade Casing / Tubing Type	Thread / Weld - New/ Used	Amount in Well (ft.)	Hardware - Baskets / Packer / Centralizers (Total/String)	Date Run	
						Type	Size	Depth
11"	8 5/8"	26#	16.95	W - N	21'	Centralizer		50'
8"	6 5/8"	16#	12.94	W - N	612'	Centralizer		110'
				-		Centralizer		260'
				-		Centralizer		410'
				-		Centralizer		560'

If any casing is welded, provide the name(s) of the welder(s): Kyle Voty, Cameron Energy Company

PLUG-BACK/WELLBORE ALTERATION

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

**LOG OF FORMATIONS**

Well API#: **37-123-48934-00-00**

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


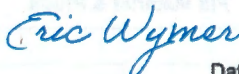
Formation Name or Lithology	Top (feet)	Bottom (feet)	Gas at (feet)	Oil at (feet)	Water at (fresh / brine; ft.)	Source of Data
Sandstone and Shale	-----0	1560				Driller Driller Driller
Glade	1560	1580				Interpolated
Shale	1580	1600				Interpolated
Clarendon	1600	1640				Interpolated
Shale	1640	1730				Interpolated
Balltown	1730	1750				Interpolated
Shale	1750	1780				Interpolated
Cherry Grove	1780	1800				Interpolated
Shale	1800	1850				Interpolated
Cooper	1850	1900				Interpolated
Shale	1900	2000				Interpolated

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 Victory Steel	Name Cameron Energy Company	Name Hoover Oil Field Supply	Name
Address 11166 Tesson Ferry Road	Address 507 Cherry Grove Road	Address Route 6	Address
City - State - Zip St. Louis, MO 63123	City - State - Zip CLARENDON, PA 16313	City - State - Zip CLARENDON PA 16313	City - State - Zip
Phone 314-849-7272	Phone 814-968-3337	Phone 814-726-1900	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 78 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 §78.84(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 Cameron Energy Company	Rig 2	 Printed Name / Title: John Stewart / Operations Manager		Reviewed by:	
Address 507 Cherry Grove Road					
City - State - Zip CLARENDON PA 16313		Date: 5/29/2025	Date: 6/2/2025		
Phone 814-968-3337		Comments:			



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

DEP USE ONLY	
Auth No. 1562437	APS No.# 1111588
Site No. 871983	PF No. 874801
Client No. 300544	SF No. 1414051

## APPLICATION FOR INACTIVE WELL STATUS

Well Operator Cameron Energy Company		DEP Client ID No. 300544/68490	Well Permit or Registration No. 37-123-48935	
Address 507 Cherry Grove Road			Well Farm Name Cochran Lot 438	Well No. 438-30
City Clarendon		State PA	Zip Code 16313	County Warren
Telephone No. (814) 968-3337		Fax No. (814) 968-3330	Bond Instrument No. 13420	Municipality Sheffield Township
Is this an application for annual extension of inactive status? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No				
Check here if this application is being submitted for conditional inactive status in association with longwall mining: <input type="checkbox"/>				

<b>Condition of the Well</b>	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."
------------------------------	---

**Well Type:**  Gas  Oil  Combination Oil & Gas  Injection  Storage  Disposal

Casing Diameters: 8 5/8 6 5/8	Casing Lengths: 25' 609'	Type and amount of cement (sacks) used for surface casing: Portland Type 1 65sks
		Tubing or Production Casing Pressure (current): If an oil well, state the depth to fluid in the surface casing:
		Annulus Pressure (current - between tubing or production casing and surface casing): 60 lbs
Tubing or production casing diameter: 6 5/8"	Tubing or production casing length: 609'	Are all annuli open to atmosphere? <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No

Other information about the well's condition:

Drilling was completed in April 2025 and the well has mechanical integrity. We are satisfied there are adequate reserves to make the well economically viable and intend to complete the well as soon as possible. Equipment failure, mechanical issues, and weather have caused the delay in completion.

<b>Future Use of the Well</b>	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."
-------------------------------	--

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: January Year: 2031

State your plan for future use of the well.

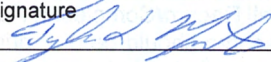

This well will be completed when personnel and equipment become available.

<b>Conditional Inactive Status Checklist</b>	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 <i>Guidelines for Chain Pillar Development and Longwall Mining Adjacent to Unconventional Wells</i> .
--	---

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)		DEP USE ONLY	
Signature <u></u> Date <u>3/10/2026</u>	<input checked="" type="checkbox"/> Approved <input type="checkbox"/> Denied    Date _____ by (DEP Manager): <u></u> <u>4/15/2026</u>		
Print or type signer's name and title: <u>Tyler Q. Martin, Environmental Care Coordinator</u>			

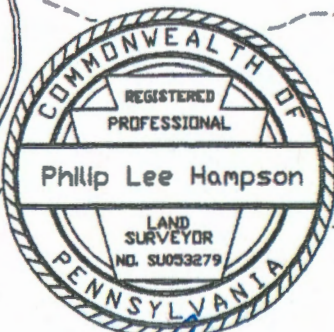
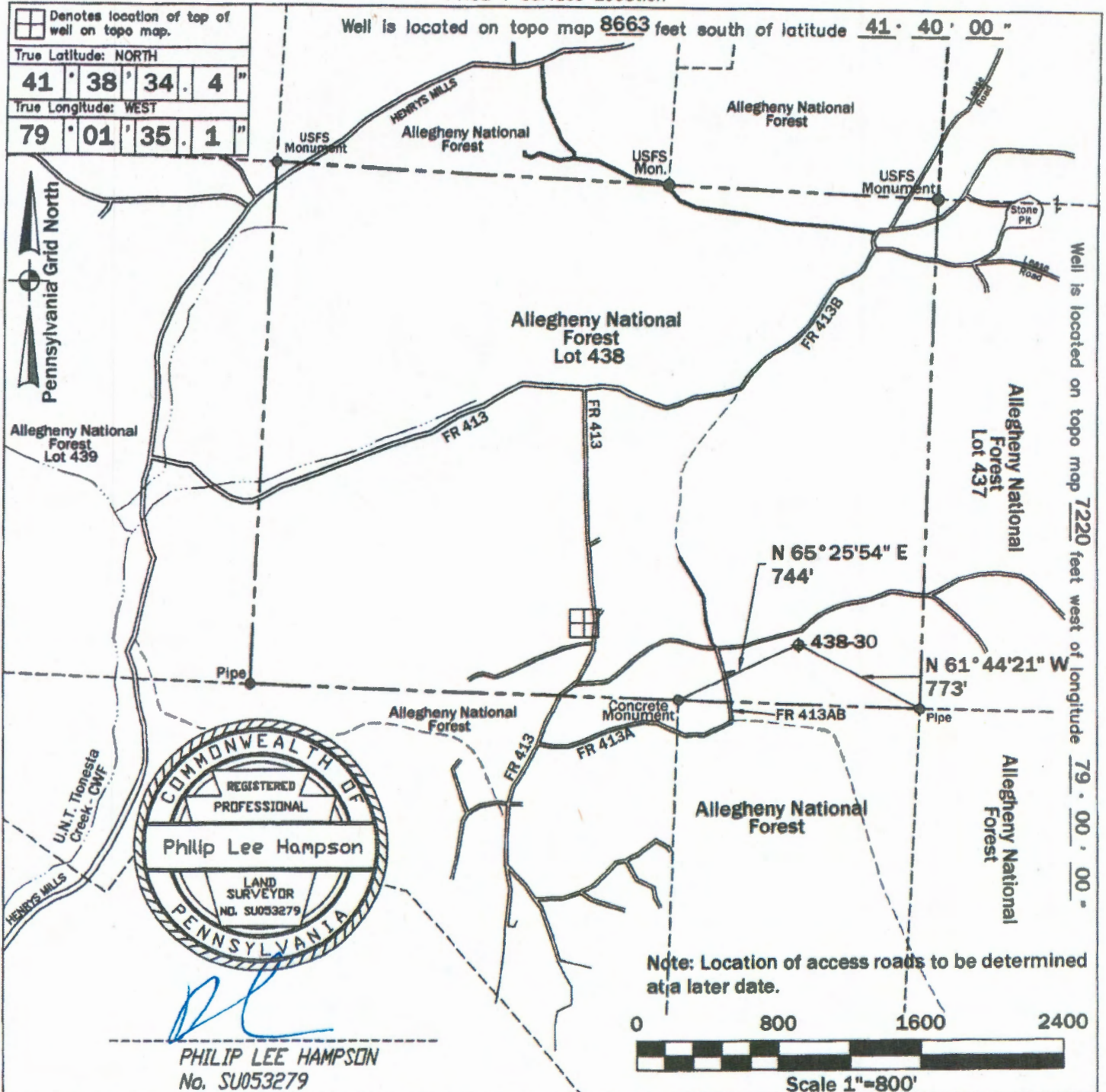


COMMONWEALTH OF PENNSYLVANIA  
DEPARTMENT OF ENVIRONMENTAL PROTECTION  
OFFICE OF OIL AND GAS MANAGEMENT

WELL LOCATION PLAT

PAGE 1 Surface Location

Auth ID #:	G:
Permit #:	C:
Project #:	



*PL*  
**PHILIP LEE HAMPSON**  
No. SU053279

Applicant/Well Operator Name: <b>Cameron Energy Company</b>		DEF ID # <b>300544</b>	Well (Farm) Name: <b>Cochran Lot 438</b>		Well #: <b>438-30</b>	Serial #:
Address: <b>507 Cherry Grove Road, Clarendon, PA 16313</b>			County: <b>Warren - 62</b>	Municipality: <b>Sheffield Township</b>	Well Type: <b>Oil</b>	
911 address of well site: <b>N/A</b>			USGS 7½' Quadrangle Map Name: <b>Sheffield - 513</b>	Map Section: <b>9</b>	Surface Elevation: <b>1776</b> ft.	
Surveyor or Engineer: <b>Philip L. Hampson</b>	Phone #: <b>814-730-1822</b>	Dwg #: <b>E:\438-30</b>	Date: <b>3/11/2024</b>	Scale: <b>1"=800'</b>	Tract Acreage: <b>+/-250 Acres</b>	
Lat. & Long Metadata Method: <b>Direct GPS</b>		Accuracy: <b>+/-15'</b> ft.	Datum: <b>NAD 83</b>	Elevation Metadata Method: <b>Scaled LIDAR</b>	Accuracy: <b>ft.</b>	Datum: <b>NGVD29</b>
						Survey Date: <b>3/8/2024</b>



**pennsylvania**  
DEPARTMENT OF ENVIRONMENTAL PROTECTION

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

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

**Well Record**

**WELL INFORMATION**

Well Operator <b>Cameron Energy Company</b>	DEP ID# <b>300544</b>	Well API # <b>37-123-48935-00-00</b>	Well Farm Name <b>Cochran Lot 438</b>	Well # <b>438-30</b>
Address <b>507 Cherry Grove Road</b>		LAT- <b>41°38' 34.4</b> LONG - <b>-79°1' 35.1</b>	NAD 83	Project Number Serial #
City <b>Clarendon</b>	State <b>PA</b>	Zip <b>16313</b>	Municipality <b>Sheffield Township</b>	County <b>Warren</b>
Phone <b>814-968-3337</b>	Fax <b>814-968-3330</b>	Email <b>accounts@cameronenergycompany.com</b>	USGS 7.5 min. quadrangle map <b>Sheffield</b>	Section <b>9</b>

Check the appropriate Submission:  Original Well Record  Amended Well Record

Well Type	<input type="checkbox"/> Gas <input checked="" type="checkbox"/> Oil <input type="checkbox"/> Combination Oil & Gas <input type="checkbox"/> CBM <input type="checkbox"/> Injection <input type="checkbox"/> Disposal <input type="checkbox"/> Storage	Wellbore Conditioning:
Well Orientation	<input checked="" type="checkbox"/> Vertical <input type="checkbox"/> Deviated from Vertical (Top & Side views & Deviation Survey must be attached)	
Drill Method(s)	<input checked="" type="checkbox"/> Rotary - Air 2000' <input type="checkbox"/> Rotary - Mud <input type="checkbox"/> Cable Tool <input type="checkbox"/> Other	
Drilling Started 3/26/2025	Surface Elev 1776 ft.	GW Depth 130 ft.
Drilling Complete 4/3/2025	True Vertical Depth 2000 ft.	Depth of DFGW 410 ft.
Date Well Completed 4/3/2025	Total Measured Depth 2000 ft.	DFGW decided by: 6

**CEMENT**

Cement returned on surface casing?	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No	If No, provide depth to top of cement and method used to determine:
Cement returned on coal protective casing?	<input type="checkbox"/> Yes <input type="checkbox"/> No	If No, provide depth to top of cement and method used to determine: <input checked="" type="checkbox"/> NA
Cement returned on intermediate casing?	<input type="checkbox"/> Yes <input type="checkbox"/> No	If No, provide depth to top of cement and method used to determine: <input checked="" type="checkbox"/> NA

Casing String	Type/Class of Cement (Lead/Tail)	Slurry Temp F°	Amount of Cement (sks) (Lead/Tail/Total)	WOC hrs	WT PPG	Yld #/sk	Gas Migration Controls Used
Conductor	/	°	/ /				What controls were used if any (additives/ hardware. Specify type and depth applicable).
Surface	Portland / Type 1	57°	/ / 65	8		1	
Coal Protective	/	°	/ /				
Intermediate	/	°	/ /				
Production	/	°	/ /				
Production	/	°	/ /				
If additional strings attach form(s)			Total				

**CASING AND TUBING**

Hole Size	Pipe Size	Wt. #/ft.	Grade Casing / Tubing Type	Thread / Weld - New/ Used	Amount in Well (ft.)	Hardware - Baskets / Packer / Centralizers (Total/String)			Date Run
						Type	Size	Depth	
11"	8 5/8"	26#	16.95	W - N	25'	Centralizer		50	3/26/2025
8"	6 5/8"	16#	12.94	W - N	609'	Centralizer		110	3/28/2025
				-		Centralizer		260	
				-		Centralizer		410	
				-		Centralizer		560	

If any casing is welded, provide the name(s) of the welder(s): Kyle Voty, Cameron Energy Company

**PLUG-BACK/WELLBORE ALTERATION**

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

**LOG OF FORMATIONS**

Well API#: 37-123-48935-00-00

(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
Sandstone and Shale	-----0	1570			130 296 410	Driller Driller Driller
Glade	1570	1590				Interpolated
Shale	1590	1610				Interpolated
Clarendon	1610	1650				Interpolated
Shale	1650	1740				Interpolated
Balltown	1740	1760				Interpolated
Shale	1760	1790				Interpolated
Cherry Grove	1790	1810				Interpolated
Shale	1810	1860				Interpolated
Cooper	1860	1910				Interpolated
Shale	1910	2000				Interpolated

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 Victory Steel	Name Cameron Energy Company	Name Hoover Oil Field Supply	Name
Address 11166 Tesson Ferry Road	Address 507 Cherry Grove Road	Address Route 6	Address
City - State - Zip St. Louis, MO 63123	City - State - Zip CLARENDON, PA 16313	City - State - Zip CLARENDON PA 16313	City - State - Zip
Phone 314-849-7272	Phone 814-968-3337	Phone 814-726-1900	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 78 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 §78.84(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 Cameron Energy Company	Rig 2	 Printed Name / Title: John Stewart / Operations Manager	Date: 4/24/2025	Reviewed by:	
Address 507 Cherry Grove Road				Date:	
City - State - Zip CLARENDON PA 16313				Comments:	
Phone 814-968-3337					



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

DEP USE ONLY	
Auth No. 1562439	APS No.# 1111592
Site No. 871986	PF No. 874803
Client No. 300544	SF No. 1414053

## APPLICATION FOR INACTIVE WELL STATUS

Well Operator Cameron Energy Company		DEP Client ID No. 300544/68490	Well Permit or Registration No. 37-123-48936	
Address 507 Cherry Grove Road			Well Farm Name Cochran Lot 438	Well No. 438-31
City Clarendon	State PA	Zip Code 16313	County Warren	Municipality Sheffield Township
Telephone No. (814) 968-3337	Fax No. (814) 968-3330	Bond Instrument No. 13420	Is this an application for annual extension of inactive status? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	
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 *Guidelines for Chain Pillar Development and Longwall Mining Adjacent to Unconventional Wells*, 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."

Well Type:  Gas  Oil  Combination Oil & Gas  Injection  Storage  Disposal

Casing Diameters: 8 5/8	Casing Lengths: 22'	Type and amount of cement (sacks) used for surface casing: Portland Type 1 85sks	
6 5/8	590'	Tubing or Production Casing Pressure (current):	If an oil well, state the depth to fluid in the surface casing:
		Annulus Pressure (current - between tubing or production casing and surface casing): 150 lbs	
Tubing or production casing diameter: 6 5/8"	Tubing or production casing length: 590'	Are all annuli open to atmosphere? <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No	

Other information about the well's condition:

Drilling was completed in April 2025 and the well has mechanical integrity. We are satisfied there are adequate reserves to make the well economically viable and intend to complete the well as soon as possible. Equipment failure, mechanical issues, and weather have caused the delay in completion.

### 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 *Guidelines for Chain Pillar Development and Longwall Mining Adjacent to Unconventional Wells*, 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."

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: January Year: 2031

State your plan for future use of the well.

This well will be completed when personnel and equipment become available.

**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.*

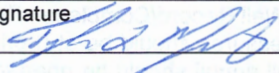
Please include the following items with the inactive status application:


- 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)**

**DEP USE ONLY**

Signature:  Date: 3/10/2026  
 Print or type signer's name and title: Tyler Q. Martin, Environmental Care Coordinator

Approved  Denied Date: 4/15/2026  
 by (DEP Manager): 





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

DEP USE ONLY	
Site ID <b>871986</b>	Client Id <b>OGO-68490</b>
Client Id <b>300544</b>	Sub Facility Id <b>1414053</b>

**Well Record**

WELL INFORMATION										
Well Operator <b>Cameron Energy Company</b>			DEP ID# <b>300544</b>		Well API # <b>37-123-48936-00-00</b>			Well Farm Name <b>Cochran Lot 438</b>		Well # <b>438-31</b>
Address <b>507 Cherry Grove Road</b>			LAT- <b>41°38' 36.8</b>		LONG - <b>-79°1' 40.19</b>	NAD 83	Project Number		Serial #	
City <b>Clarendon</b>		State <b>PA</b>	Zip <b>16313</b>	Municipality <b>Sheffield Township</b>			County <b>Warren</b>			
Phone <b>814-968-3337</b>		Fax <b>814-968-3330</b>		Email <b>accounts@cameronenergycompany.com</b>			USGS 7.5 min. quadrangle map <b>Sheffield</b>		Section <b>9</b>	
Check the appropriate Submission: <input checked="" type="checkbox"/> Original Well Record <input type="checkbox"/> Amended Well Record										
Well Type		<input type="checkbox"/> Gas <input checked="" type="checkbox"/> Oil <input type="checkbox"/> Combination Oil & Gas <input type="checkbox"/> CBM <input type="checkbox"/> Injection <input type="checkbox"/> Disposal <input type="checkbox"/> Storage						Wellbore Conditioning:		
Well Orientation		<input checked="" type="checkbox"/> Vertical <input type="checkbox"/> Deviated from Vertical (Top & Side views & Deviation Survey must be attached)								
Drill Method(s)		<input checked="" type="checkbox"/> Rotary - Air 1980' <input type="checkbox"/> Rotary - Mud <input type="checkbox"/> Cable Tool <input type="checkbox"/> Other								
Drilling Started <b>4/14/2025</b>			Surface Elev <b>1754 ft.</b>			GW Depth <b>127 ft.</b>				
Drilling Complete <b>4/17/2025</b>			True Vertical Depth <b>1980 ft.</b>			Depth of DFGW <b>395 ft.</b>				
Date Well Completed <b>4/17/2025</b>			Total Measured Depth <b>1980 ft.</b>			DFGW decided by: <b>6</b>				

CEMENT									
Cement returned on surface casing?		<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No		If No, provide depth to top of cement and method used to determine:					
Cement returned on coal protective casing?		<input type="checkbox"/> Yes <input type="checkbox"/> No		If No, provide depth to top of cement and method used to determine: <input checked="" type="checkbox"/> NA					
Cement returned on intermediate casing?		<input type="checkbox"/> Yes <input type="checkbox"/> No		If No, provide depth to top of cement and method used to determine: <input checked="" type="checkbox"/> NA					
Casing String	Type/Class of Cement (Lead/Tail)	Slurry Temp F°	Amount of Cement (sks) (Lead/Tail/Total)		WOC hrs	WT PRG	Yld #/sk	Gas Migration Controls Used	
Conductor	/	°	/	/				What controls were used if any (additives/ hardware. Specify type and depth applicable).	
Surface	Portland / Type 1	57°	/	/ 85	8		1		
Coal Protective	/	°	/	/					
Intermediate	/	°	/	/					
Production	/	°	/	/					
	/	°	/	/					
If additional strings attach form(s)			Total						

CASING AND TUBING									
Hole Size	Pipe Size	Wt. #/ft.	Grade Casing / Tubing Type	Thread / Weld - New/ Used	Amount in Well (ft.)	Hardware - Baskets / Packer / Centralizers (Total/String)			Date Run
						Type	Size	Depth	
11"	8 5/8"	26#	16.95	W - N	22'	Centralizer		90	4/14/2025
8"	6 5/8"	16#	12.94	W - N	590'	Centralizer		240	4/15/2025
				-		Centralizer		390	
				-		Centralizer		540	
				-		Centralizer			

If any casing is welded, provide the name(s) of the welder(s): Kyle Voty, Cameron Energy Company

PLUG-BACK/WELLBORE ALTERATION						
Fill Material & Plugs		Depth		Date	Casing & Tubing	
		From	To		Size	Pulled

**LOG OF FORMATIONS**

Well API#: **37-123-48936-00-00**

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

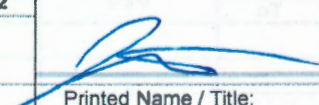
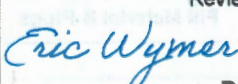
Formation Name or Lithology	Top (feet)	Bottom (feet)	Gas at (feet)	Oil at (feet)	Water at (fresh / brine; ft.)	Source of Data
Sandstone and Shale	-----0	1540			127 279 395	Driller Driller Driller
Glade	1540	1560				Interpolated
Shale	1560	1580				Interpolated
Clarendon	1580	1620				Interpolated
Shale	1620	1710				Interpolated
Balltown	1710	1730				Interpolated
Shale	1730	1760				Interpolated
Cherry Grove	1760	1780				Interpolated
Shale	1780	1830				Interpolated
Cooper	1830	1880				Interpolated
Shale	1880	1980				Interpolated

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 Victory Steel	Name Cameron Energy Company	Name Hoover Oil Field Supply	Name
Address 11166 Tesson Ferry Road	Address 507 Cherry Grove Road	Address Route 6	Address
City - State - Zip St. Louis, MO 63123	City - State - Zip CLARENDON, PA 16313	City - State - Zip CLARENDON PA 16313	City - State - Zip
Phone 314-849-7272	Phone 814-968-3337	Phone 814-726-1900	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 78 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 §78.84(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 Cameron Energy Company	Rig 2	 Printed Name / Title: John Stewart / Operations Manager	Date: 5/12/2025	Reviewed by:	
Address 507 Cherry Grove Road				 5/13/2026	
City - State - Zip CLARENDON PA 16313				Date:	
Phone 814-968-3337				Comments:	



<b>Conditional Inactive Status Checklist</b>	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 <i>Guidelines for Chain Pillar Development and Longwall Mining Adjacent to Unconventional Wells</i> .
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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)	DEP USE ONLY
Signature  _____ Date <u>3/10/2026</u> Print or type signer's name and title: <u>Tyler Q. Martin, Environmental Care Coordinator</u>	<input checked="" type="checkbox"/> Approved <input type="checkbox"/> Denied    Date _____ by (DEP Manager): <u>Scott M. Dudzic</u> <u>4/15/2026</u>

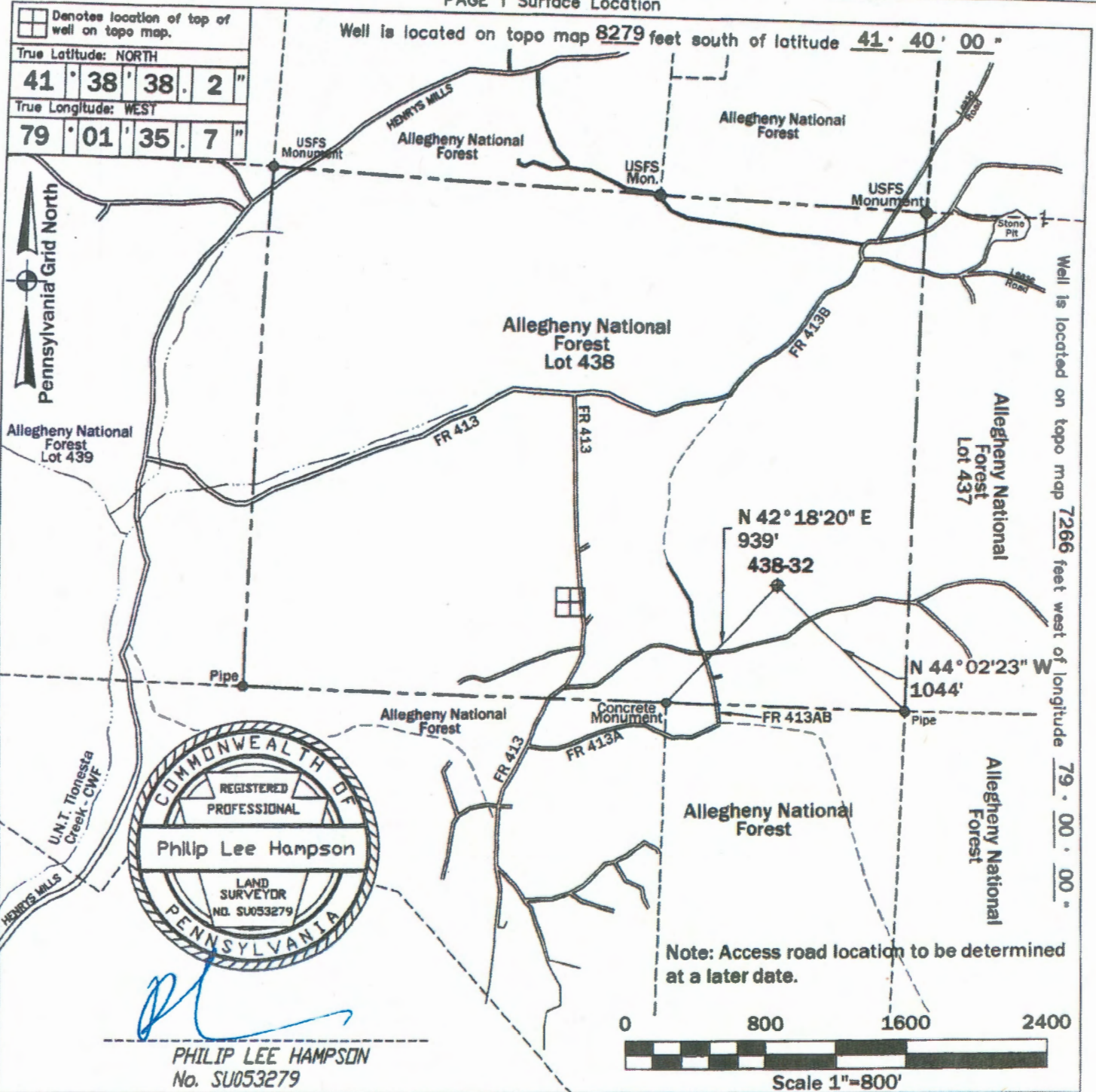


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DEPARTMENT OF ENVIRONMENTAL PROTECTION  
OFFICE OF OIL AND GAS MANAGEMENT

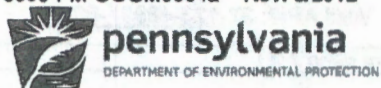
WELL LOCATION PLAT

PAGE 1 Surface Location

Auth ID #	G:
Permit #	C:
Project #	



Applicant/Well Operator Name: <b>Cameron Energy Company</b>		DEP ID # <b>300544</b>	Well (Farm) Name: <b>Cochran Lot 438</b>	Well #: <b>438-32</b>	Serial #
Address: <b>507 Cherry Grove Road, Clarendon, PA 16313</b>		County: <b>Warren - 62</b>	Municipality: <b>Sheffield Township</b>	Well Type: <b>Oil</b>	
911 address of well site: <b>N/A</b>		USGS 7 1/2' Quadrangle Map Name: <b>Sheffield - 513</b>	Map Section: <b>9</b>	Surface Elevation: <b>1742 ft.</b>	
Surveyor or Engineer: <b>Philip L. Hampson</b>	Phone #: <b>814-730-1822</b>	Dwg #: <b>E:\438-32</b>	Date: <b>3/11/2024</b>	Scale: <b>1"=800'</b>	Tract Acreage: <b>+/-250 Acres</b>
Lat. & Long Metadata Method: <b>Direct GPS</b>	Accuracy: <b>+/-15' ft.</b>	Datum: <b>NAD 83</b>	Elevation Metadata Method: <b>Scaled LIDAR</b>	Accuracy: <b>ft.</b>	Datum: <b>NGVD29</b>
					Survey Date: <b>3/8/2024</b>



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

DEP USE ONLY	
Site ID 871995	Client Id OGO-68490
Client Id 300544	Sub Facility Id 1414060

Well Record

WELL INFORMATION

Well Operator Cameron Energy Company	DEP ID# 300544	Well API # 37-123-48937-00-00	Well Farm Name Cochran Lot 438	Well # 438-32
Address 507 Cherry Grove Road		LAT- 41°38' 38.1984 LONG - -79°1' 35.6988	Project Number	Serial #
City Clarendon	State PA	Zip 16313	Municipality Sheffield Township	County Warren
Phone 814-968-3337	Fax 814-968-3330	Email accounts@cameronenergycompany.com	USGS 7.5 min. quadrangle map Sheffield	Section 9

Check the appropriate Submission:  Original Well Record  Amended Well Record

Well Type	<input type="checkbox"/> Gas <input checked="" type="checkbox"/> Oil <input type="checkbox"/> Combination Oil & Gas <input type="checkbox"/> CBM <input type="checkbox"/> Injection <input type="checkbox"/> Disposal <input type="checkbox"/> Storage	Wellbore Conditioning:
Well Orientation	<input checked="" type="checkbox"/> Vertical <input type="checkbox"/> Deviated from Vertical (Top & Side views & Deviation Survey must be attached)	
Drill Method(s)	<input checked="" type="checkbox"/> Rotary - Air '1975 <input type="checkbox"/> Rotary - Mud <input type="checkbox"/> Cable Tool <input type="checkbox"/> Other	
Drilling Started 4/7/2025	Surface Elev 1742 ft.	GW Depth 115 ft.
Drilling Complete 4/14/2025	True Vertical Depth 1975 ft.	Depth of DFGW 390 ft.
Date Well Completed 4/14/2025	Total Measured Depth 1975 ft.	DFGW decided by: 6

CEMENT

Cement returned on surface casing?	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No	If No, provide depth to top of cement and method used to determine:
Cement returned on coal protective casing?	<input type="checkbox"/> Yes <input type="checkbox"/> No	If No, provide depth to top of cement and method used to determine: <input checked="" type="checkbox"/> NA
Cement returned on intermediate casing?	<input type="checkbox"/> Yes <input type="checkbox"/> No	If No, provide depth to top of cement and method used to determine: <input checked="" type="checkbox"/> NA

Casing String	Type/Class of Cement (Lead/Tail)	Slurry Temp F°	Amount of Cement (ske) (Lead/Tail/Total)	WOC hrs	WT PPG	Yld #/sk	Gas Migration Controls Used
Conductor	/	°	/ /				What controls were used if any (additives/ hardware. Specify type and depth applicable).
Surface	Portland / Type 1	58°	/ / 70	8		1	
Coal Protective	/	°	/ /				
Intermediate	/	°	/ /				
Production	/	°	/ /				
	/	°	/ /				
If additional strings attach form(s)			Total				

CASING AND TUBING

Hole Size	Pipe Size	Wt. #/ft.	Grade Casing / Tubing Type	Thread / Weld - New/ Used	Amount in Well (ft.)	Hardware - Baskets / Packer / Centralizers (Total/String)	Date Run	
						Type	Size	Depth
11"	8 5/8"	26#	16.95	W - N	22'	Centralizer		90'
8"	6 5/8"	16#	12.94	W - N	588'	Centralizer		240'
				-		Centralizer		390'
				-		Centralizer		540'

If any casing is welded, provide the name(s) of the welder(s): Kyle Voty, Cameron Energy Company

PLUG-BACK/WELLBORE ALTERATION

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

**LOG OF FORMATIONS**

Well API#: **37-123-48937-00-00**

*(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
Sandstone and Shale	0	1530			115 267 390	Driller Driller Driller
Glade	1530	1550				Interpolated
Shale	1550	1570				Interpolated
Clarendon	1570	1610				Interpolated
Shale	1610	1700				Interpolated
Balltown	1700	1720				Interpolated
Shale	1720	1750				Interpolated
Cherry Grove	1750	1770				Interpolated
Shale	1770	1820				Interpolated
Cooper	1820	1870				Interpolated
Shale	1870	1975				Interpolated

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 Victory Steel	Name Cameron Energy Company	Name Hoover Oil Field Supply	Name
Address 11166 Tesson Ferry Road	Address 507 Cherry Grove Road	Address Route 6	Address
City - State - Zip St. Louis, MO 63123	City - State - Zip CLARENDON, PA 16313	City - State - Zip CLARENDON PA 16313	City - State - Zip
Phone 314-849-7272	Phone 814-968-3337	Phone 814-726-1900	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 78 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 §78.84(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 Cameron Energy Company	Rig 2	 Printed Name / Title: John Stewart / Operations Manager	Date: 5/13/2025	Reviewed by:	
Address 507 Cherry Grove Road				 5/16/2025 Date:	
City - State - Zip CLARENDON PA 16313				Comments:	
Phone 814-968-3337					



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

## MECHANICAL INTEGRITY ASSESSMENT REPORT – FORM C INSTRUCTIONS

### 1. Well Operator/Owner

Enter the Oil and Gas Operator (OGO) number for the well operator/owner who operates the well.

### 2. Abridged API No.

Enter the abridged API number assigned to the well using the following format: CCC-XXXXX. CCC represents the three-digit county code and XXXXX represents the unique, 5-digit county ID.

### 3. Date

Enter the date the inspection was completed at the well using the following format: MM/DD/YY. Inspection dates are only required for unconventional well sites. For conventional well sites, the inspection results provided should be those collected nearest to the time when the report was submitted.

### 4. Wellhead Pressure/Flow

4.a. Primary Production Pressure - Report the casing pressure (flowing or shut-in) inside the production casing in pounds per square inch gauge (psig), if a gauge is available to measure this value. All wells drilled after February 5, 2011 should be equipped with such a gauge. Leave blank if no gauge is available. Enter zero (0) if field is produced on a vacuum system.

4.b. Primary Production Vent Flow - Vent Flow Rate for wells with engineered vents applies for oil wells producing inside of surface or coal casing that vent associated gas to comply with section 78.83(a)(1) or multi-string oil or combination wells that vent production casing gas: Report the flow rate in cubic feet per day (cfpd) or indicate "NRM" (not readily measurable) as applicable.

4.c. Annular Production Pressure - Report the casing pressure (flowing or shut-in) inside the produced annulus (i.e., annulus plumbed to sales line or used for other onsite applications), in psig, if a gauge is available to measure this value. All wells drilled after February 5, 2011 should be equipped with such a gauge. Leave blank if no gauge is available. Enter zero (0) if the field is produced on a vacuum system.

4.d. Maximum Allowable Pressure Exceeded per 78.73(c) - If gas is produced (i.e., plumbed to a sales line or used for other on-site applications), through coal casing or surface casing indicate "Y" if measured pressure in 4.a. or 4.b. is in excess of  $80 \text{ percent} \times 0.433 \text{ psi/ft.} \times \text{casing set depth in feet}$ , "N" if it is below threshold pressure, or U if it is unknown if the pressure threshold is exceeded. Leave blank if no gas is produced inside of coal or surface casing. If the maximum allowable pressure is exceeded, it is necessary to report this observation to the appropriate district oil and gas inspector supervisor within 24 hours of identifying the potential problem.

### 5. Water Level or Other - mud scale weight, average daily pumping time/volume, or water quality measurement may serve as substitutes for water level.

5.a. Water Level or Other Measurement - For oil or combination wells producing oil inside of surface or coal casing, report the water level in feet below ground surface, mud scale weight of produced fluid in pounds per gallon (ppg), average daily pumping time in hours per day, average daily pumping volume in barrels (bbls) per day, or a water quality measurement of the produced fluid in milligrams per liter Total Dissolved Solids (mg/L TDS), mg/L Total Chlorides (mg/L Cl) or microsiemens per centimeter ( $\mu\text{S/cm}$ ).

5.b. Water Level or Other Unit - Record unit of measurement for value provided in 5.a. If no produced water, indicate NPW.

## 6. Open Flow (cfpd) or Shut-in Pressure on Production Annulus (psig)

- 6.a. Open Flow or Shut-in Measurement - Report the vent flow rate in the production annulus in cfpd, if open and venting; or the pressure in psig, if shut in. If no flow or pressure, enter zero (0). If gas is present, but cannot be quantified, enter "NRM." If the production annulus is inaccessible (i.e., subgrade or obstructed by surface configuration) enter "I."
- 6.b. Open Flow or Shut-in Pressure Unit - Record unit of measurement for value provided in 6.a.

## 7. Fluids Survey (Gas, Oil, or Brine)

- 7.a. Enter "N" if no fluids (gas, oil, or brine) are observed during inspection. Proceed to column 8. If fluids are observed, enter "Y", and complete 7.b. through 7.e., as applicable.
- 7.b. If gas is observed outside of any freshwater casing string (coal, surface, or conductor casing), enter the measured or estimated flow rate in cfpd; or if it cannot be quantified, enter "NRM." If no gas is present, enter zero (0). If the freshwater casing annulus is inaccessible (i.e., subgrade or obstructed by surface configuration) enter "I."
- 7.c. If gas is observed outside of the intermediate casing string, enter the measured or estimated flow rate in cfpd; or if it cannot be quantified, enter "NRM." If no gas is present, enter zero (0). If the intermediate casing annulus is inaccessible (i.e., subgrade or obstructed by surface configuration) enter "I."
- 7.d. If gas is observed in association with any wellhead equipment critical for providing well control, allowing a safe working environment at the well, or preventing environmental impacts; enter the measured or estimated flow rate in cfpd; or if it cannot be quantified, enter "NRM." If no gas is present, enter zero (0).
- 7.e. Enter "Y" if any liquids (oil or brine) are flowing to the ground surface or outside of any freshwater casing string (coal, surface, or conductor casing), otherwise enter "N."

## 8. Corrosion Problems (Y/N)

Severe corrosion problems that will lead to an imminent environmental release if not addressed should be reported. Surface equipment designed to contain pressure and/or fluids should be focused on as part of this inspection.

Enter "Y" if any severe corrosion problems are noted that, unless repaired, will result in the imminent failure of well components intended to contain pressure or produced fluids, otherwise enter "N." There is no expectation for operators/owners to address minor surface corrosion as part of this inspection, as the presence of some surface oxidation is actually beneficial to the integrity of operating wells. If severe corrosion is noted, it is necessary to report this observation to the appropriate district oil and gas inspector supervisor within 24 hours of identifying the potential problem.

## 9. Comments

Comments should be used to note any significant observations during the inspection. Qualifying any observations that might appear out of the ordinary to Department staff reviewing data submissions, indicating if annular spaces are plumbed to tanks or not accessible, or providing well construction modifications or design clarifications are some examples.

**ANY FIELDS THAT ARE NOT APPLICABLE FOR A PARTICULAR WELL DESIGN SHOULD BE LEFT BLANK.**

**ALL OPERATING WELLS AND THOSE WELLS THAT ARE CLASSIFIED AS ABANDONED BUT HAVE NOT YET BEEN PLUGGED MUST BE INSPECTED ON A QUARTERLY BASIS AND RECORDS RETAINED FOR FIVE YEARS IN ACCORDANCE WITH THE REGULATIONS OF 25 PA. CODE CHAPTER 78, SECTION 78.88(a). PLEASE NOTE THAT ONLY ONE QUARTERLY INSPECTION RESULT MUST BE REPORTED ANNUALLY FOR CONVENTIONAL WELL SITES, WHEREAS ALL FOUR QUARTERLY INSPECTION RESULTS MUST BE REPORTED ANNUALLY FOR UNCONVENTIONAL WELL SITES TO DEMONSTRATE COMPLIANCE WITH 25 PA. CODE CHAPTER 78, SECTION 78.88(e).**

**IT IS POSSIBLE THAT THE WELL INSPECTION WILL REVEAL OTHER POTENTIAL PROBLEMS RELATED TO ENVIRONMENTAL PROTECTION OR HEALTH AND SAFETY. OPERATORS SHOULD FOLLOW ALL EXISTING POLICES, LAWS, AND REGULATIONS WITH REGARD TO REPORTING THESE OTHER PROBLEMS TO THE DEPARTMENT.**



## MECHANICAL INTEGRITY ASSESSMENT REPORT – FORM C

**MAILING ADDRESS:**

PA DEP  
 Bureau of Oil & Gas Planning & Program Management  
 PO Box 8765  
 Harrisburg, PA 17105-8765

1. Well Operator/Owner (OGO Number)

2. U.S. Well No. (API No.)	3. Date <sup>1</sup>	4. Wellhead Pressure/Flow				5. Water Level or Other <sup>2</sup>		6. Open Flow (cfpd) or Shut-in Pressure on Production Annulus (psig)		7. Fluids Survey (Gas, Oil, or Brine)					8. Corrosion Problems (Y/N)	9. Comments
		a. Primary Production Pressure (psig)	b. Primary Production Vent Flow (cfpd)	c. Annular Production Pressure (psig)	d. Maximum Allowable Pressure Exceeded per 78.73(c) (Y/N/U)	a. Water Level or Other Measurement	b. Water Level or Other Unit	a. Open Flow or Shut-in Pressure Measurement	b. Open Flow or Shut-in Pressure Unit	a. Any Fluids Noted (Y/N)	b. Gas Outside Fresh Water Casing (coal, surface, or conductor casing) (cfpd)	c. Gas Outside Intermediate Casing (cfpd)	d. Surface Wellhead Equipment Gas Emissions (cfpd)	e. Any Liquids (Oil or Brine) to Surface or Outside Freshwater Casing (Y/N)		

<sup>1</sup> Dates only required for unconventional well inspections.

<sup>2</sup> Mud scale weight (ppg), average daily pumping time (hrs/day)/volume (bbls/day), or water quality measurement (mg/L TDS, mg/L Cl, or  $\mu$ S/cm) may serve as substitutes for water level (ft.).