



west virginia department of environmental protection

Office of Oil and Gas
601 57th Street, S.E.
Charleston, WV 25304
(304) 926-0450
fax: (304) 926-0452

Harold D. Ward, Cabinet Secretary
www.dep.wv.gov

Thursday, May 9, 2024

WELL WORK PLUGGING PERMIT
Vertical Plugging

DIVERSIFIED PRODUCTION LLC
101 MCQUISTON DRIVE

JACKSON CENTER, PA 16133

Re: Permit approval for 19
47-087-02259-00-00

This well work permit is evidence of permission granted to perform the specified well work at the location described on the attached pages and located on the attached plat, subject to the provisions of Chapter 22 of the West Virginia Code of 1931, as amended, and all rules and regulations promulgated thereunder, and to any additional specific conditions and provisions outlined in the pages attached hereto. Notification shall be given by the operator to the Oil and Gas Inspector at least 24 hours prior to the construction of roads, locations, and/or pits for any permitted work. In addition, the well operator shall notify the same inspector 24 hours before any actual well work is commenced and prior to running and cementing casing. Spills or emergency discharges must be promptly reported by the operator to 1-800-642-3074 and to the Oil and Gas Inspector.

Upon completion of the plugging well work, the above named operator will reclaim the site according to the provisions of WV Code 22-6-30. Please be advised that form WR-38, Affidavit of Plugging and Filling Well, is to be submitted to this office within 90 days of completion of permitted well work, as should form WR-34 Discharge Monitoring Report within 30 days of discharge of pits, if applicable. Failure to abide by all statutory and regulatory provisions governing all duties and operations hereunder may result in suspension or revocation of this permit and, in addition, may result in civil and/or criminal penalties being imposed upon the operators.

Per 35 CSR 4-5.2.g this permit will expire in two (2) years from the issue date unless permitted well work is commenced. If there are any questions, please feel free to contact me at (304) 926- 0450.

James A. Martin
Chief

Operator's Well Number: 19
Farm Name: CASEY, S. L.
U.S. WELL NUMBER: 47-087-02259-00-00
Vertical Plugging
Date Issued: 5/9/2024

PERMIT CONDITIONS

West Virginia Code §22-6-11 allows the Office of Oil and Gas to place specific conditions upon this permit. Permit conditions have the same effect as law. Failure to adhere to the specified permit conditions may result in enforcement action.

CONDITIONS

1. All pits must be lined with a minimum of 20 mil thickness synthetic liner.
2. In the event of an accident or explosion causing loss of life or serious personal injury in or about the well or while working on the well, the well operator or its contractor shall give notice, stating the particulars of the accident or explosion, to the oil and gas inspector and the Chief within twenty-four (24) hours.
3. Well work activities shall not constitute a hazard to the safety of persons.
4. Notification shall be given by the operator to the Oil and Gas Inspector at least 24 hours prior to the construction of roads, locations and/or pits for any permitted work. In addition, the well operator shall notify the same inspector 24 hours before any actual well work is commenced and prior to running and cementing casing.

WW-4B
Rev. 2/01

1) Date April 12, 2024
2) Operator's
Well No. SL CASEY 1
3) API Well No. 47-087 - 02259

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

APPLICATION FOR A PERMIT TO PLUG AND ABANDON

- 4) Well Type: Oil / Gas / Liquid injection / Waste disposal /
(If "Gas, Production or Underground storage) Deep / Shallow
- 5) Location: Elevation 619.55' Watershed Left Hand Creek
District Geary County Roane Quadrangle Clendenin
- 6) Well Operator Diversified Production, LLC 7) Designated Agent Chuck Shafer
Address 414 Summers Street Address 414 Summers Street
Charleston, WV 25301 Charleston, WV 25301
- 8) Oil and Gas Inspector to be notified 9) Plugging Contractor
Name Cruise Lawson Name Next LVL Energy (Diversified Owned)
Address 347 Main St. Address 104 Helliport Loop Rd
Spencer, WV 25276 Bridgeport, WV 25330

10) Work Order: The work order for the manner of plugging this well is as follows:

See Attached

REPLUGGING OF SL CASEY #1,
AS IT BEGAN LEAKING.
JWM.

Notification must be given to the district oil and gas inspector 24 hours before permitted work can commence.

Work order approved by inspector DOUG NEWLOW (SEE NEXT PAGE) Date 4/30/2024

05/10/2024

Plugging Prognosis

API #: 4708702259

West Virginia, Roane County

Lat/Long: 38.542235, -81.348701

Nearest ER: CAMC Memorial Hospital -- 3200 MacCorkle Ave SE, Charleston, WV 25304

Casing Schedule

13" (Assuming 13-3/8") @ 32' - Not there

10" @ 145' - (No Cementing Information)

8" (Not sure exact size) @ 437' - Pulled

6-5/8" @ 1405' - (No Cementing Information) - (Turned out to be 5-1/2" w/ TD @ 1447' from loggers, packer from 1443'-1447')

2" @ 1448' - No Packer Information - Not there

TD @ 1558' - Rig report had loggers TD @ 1773'

Completion

Big Injun - Perforated 21'11" off bottom

Big Injun Formation 1539'-1553'

Perforations from previous plugging operations

Fresh Water: 895'

Salt Water: None Listed

Gas Shows: 1530'-1550'

Oil Shows: 810'-825'

Coal: 435'-437'

Elevation: 626'

1. Notify Inspector Cruise Lawson @ 681-467-9141, 48 hrs prior to commencing operations.
2. Make all reasonable efforts to shore up creek bank, set barriers, culvert and/or span creek w/ temporary bridge to create workable location.
3. Excavate down around wellhead and install either 13-3/8" or 16" drive pipe as deep as possible.
4. Install cellar and direct all return fluids away from creek.
5. Mat location.
6. MIRU Service rig & ancillary equipment. Setup to drill/mill out cement/casing and handle returns.
7. Remove monument.
8. Try to pull on 1" siphon string and see if it will come loose. If successful TOOH w/ 1" string.
9. Drill out cement inside 5-1/2" csg to 875'. Watch for any indication of oil show in returns that would indicate oil pathway up inside of 5-1/2" csg.
10. Circulate hole clean.
11. TOOH.
12. PU Section Mill/Multi-String Section Mill and TIH to 800' - 850' - 290' ON

Douglas Newble

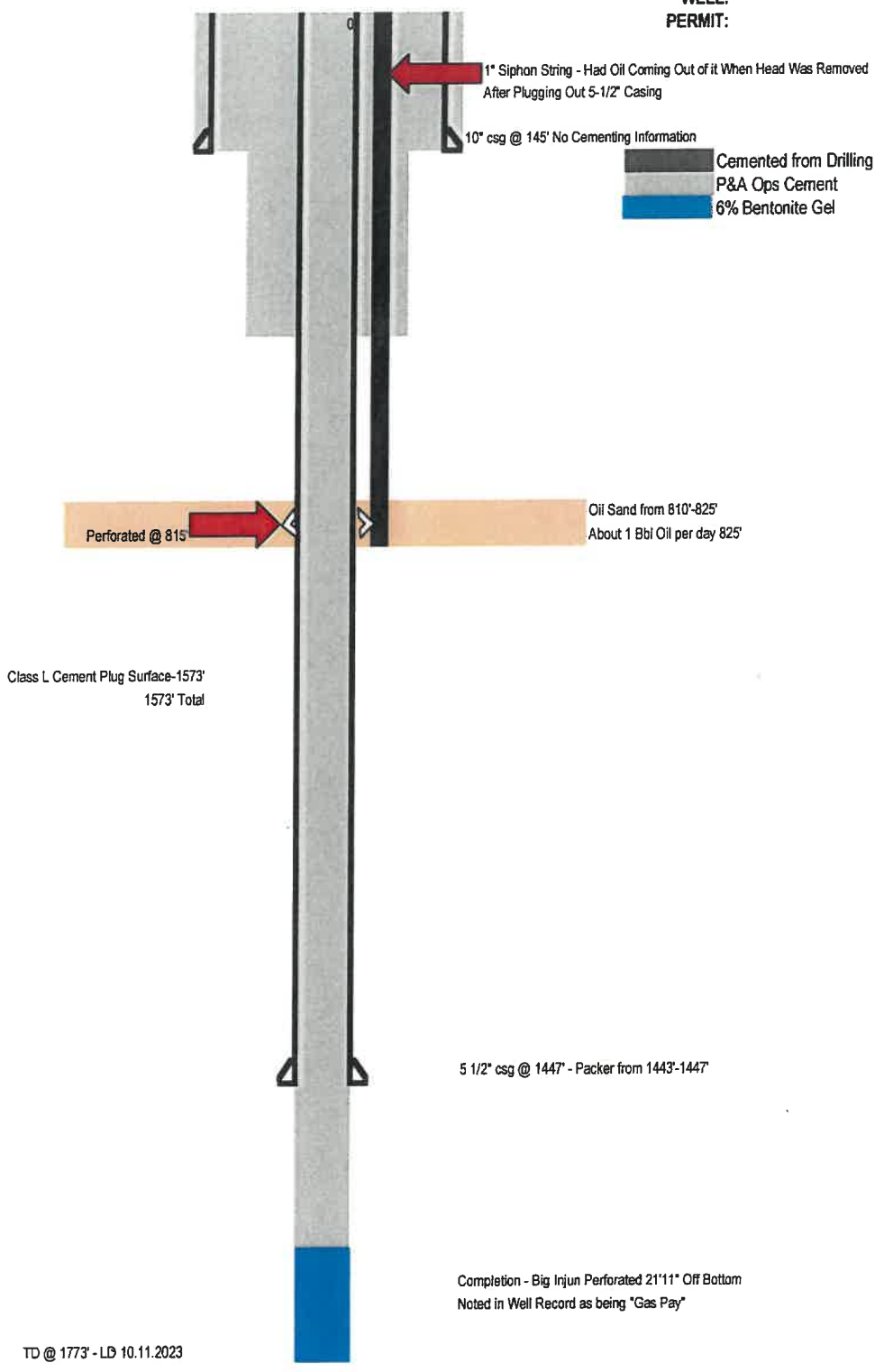
4/30/2024

05/10/2024

13. Mill out to 5-1/2" csg and cement to open hole from 800' to 830'.
14. Circulate hole clean.
15. TOOH.
16. PU Pilot Mill w/ pilot for ID of 5-1/2" csg & OD dressed to ID of 10" csg. Mill down to bottom of 10" csg.
17. Circulate hole clean.
18. TOOH.
19. If Section Mill/Multi-String Section Mill was not available or not used, PU Pilot Mill w/ pilot for ID of 5-1/2" csg & OD dressed to ID of open hole below 10" csg. **Not sure what size the OH is, assuming 7-7/8"**. Mill down to 850'.
20. Circulate hole clean.
21. TOOH.
22. TIH w/ tbg to 875'. Pump at least 20 bbls 6% bentonite gel.
23. Pump 299' Class L cement plug from 875' to 576' (**Continuation of Fresh Water Plug, Oil Show & Elevation Plug**). WOC. Tag TOC. Top off as needed. **Do not omit any plugs listed below.**
Perforate as needed.
24. TOOH w/ tbg to 576'. Pump 6% bentonite gel spacer from 576' to 487'.
25. TOOH w/ tbg to 487'. Pump 487' **Expanding Class L** cement plug from 487' to Surface (**Coal, 10" Csg Shoe, & Surface Plug**). Tag TOC. Top off as needed. **Do not omit any plugs listed below.**
Perforate as needed.
26. Reclaim location and well road to WV DEP specifications and erect P&A well monument.

API: 47-087-02259

WELL:
PERMIT:



Class L Cement Plug Surface-1573'
1573' Total

5 1/2" csg @ 1447' - Packer from 1443'-1447'

Completion - Big Injun Perforated 21'11" Off Bottom
Noted in Well Record as being "Gas Pay"

TD @ 1773' - LD 10.11.2023

IR-8
(REV 4-99)

API NO.: 47-087-02259-00-00 P

WELL PLUGGING INSPECTION & RELEASE FORM

PLUGGING COMMENCED 10-11-23 OPERATOR: DIVERSIFIED PRODUCTION LLC
PLUGGING COMPLETED 10-23-23 FARM: CASEY, S. L.
VERBAL PERMISSION ON _____ WELL NO: 19

- 1. IS COAL BEING MINED IN THE AREA? YES NO N/A
- 2. WERE CEMENT AND GEL MIXED AND USED IN ACCORDANCE WITH ACCEPTED INDUSTRY STANDARDS?
 - A. BOTTOM HOLE PLUGGED YES NO N/A
 - B. 100' PLUGS YES NO N/A
 - C. LATEX PLUGS USED FOR H₂S GAS YES NO N/A
 - D. PROPER PLUGS THROUGH COAL SEAMS YES NO N/A
 - E. PROPER PLUGS SET TO PROTECT FRESHWATER YES NO N/A
 - F. PROPER AMOUNT OF GEL USED TO DISPLACE PLUGS YES NO N/A

TYPE	FROM	TO	PIPE REMOVED
Cmt	1573	830	No pipe removed
Cmt	830	320	
Cmt	320	Surface	
Cmt			
Well is leaking will apply for new permit to plug			

- 3. WERE ALL CHANGES APPROVED BY INSPECTOR? YES NO
- 4. WAS THE EQUIPMENT USED FOR PULLING CASING PROPERLY SIZED AND RIGGED TO PULL 150% OF THE HEAVIEST STRING OF PIPE EXPECTED TO BE PULLED? YES NO
- 5. DID THE OPERATOR GIVE THE INSPECTOR PROPER NOTICE? YES NO
- 6. WERE ACCURATE PLUGGING RECORDS KEPT BY THE OPERATOR? YES NO
- 7. WAS A PROPER MONUMENT SET WITH API NUMBER ATTACHED? YES NO
- 8. DID WELL SITE AND ACCESS ROAD MEET THE FOLLOWING RECLAMATION REQUIREMENTS?

A. RECLAIMED <input checked="" type="radio"/> YES <input type="radio"/> NO	B. FENCES REPLACED <input checked="" type="radio"/> YES <input type="radio"/> NO
C. MULCHED <input checked="" type="radio"/> YES <input type="radio"/> NO	D. PROPER DRAINAGE <input checked="" type="radio"/> YES <input type="radio"/> NO
E. SEEDED <input checked="" type="radio"/> YES <input type="radio"/> NO	F. ALL EQUIPMENT REMOVED <input checked="" type="radio"/> YES <input type="radio"/> NO
G. PIT BACKFILLED <input checked="" type="radio"/> YES <input type="radio"/> NO	

4-10-24
DATE RELEASED

[Signature]
INSPECTOR'S SIGNATURE

RECORD ALL VISITS TO THIS WELL ON PAGE 2

IR-8

PAGE 2

API NO: 47-087-02259-00-00

DATE	VISITS
10-2-23	Construction Crew Rucking Entrance and creek crossing
10-6-23	going to location well is directly on creek bank
10-9-23	Rig will be arriving to location today
10-10-23	Rig on Hole with three equipment but is not on Hole
10-11-23	Spotted the hoosen up Drissor Sleeve on well head
	Has oil at surface Spotted tank blow oil to Tank. SDFN
	Run Wireline to Run Log -- TD of Hole is 1773ft Bottom
	of 5/2 (shows 65/8 on Records) Packer set at 1401ft
	W.p. up on 5/2 P.S. To Pump 1120 SDFN
10-12-23	TIH with work string 1573-ft Mixed 10 BBL 100 SKS cement
	(20 BBL) Displaced plug TOOH SDFN
10-13-23	TOE AT 850ft Perf at Oil Show cut 4 1/2 CS9 at 648
	ft pulled 42K - perf evaluation & 436ft SDFN
10-16-23	Tapped up with work string 830ft Mixed 200 BBL
	QEL 61 SKS (12.2 BBL) TOOH SDFN
10-17-23	TIH with tag tagged plug at 320ft Mixed 55 SKS (11 BBL)
	Cement to circulate Cement to Surface
10-18-23	Dug Cellar out put Culver for containment
10-19-23	Cut top off Weld Home made Braimier head revealing a 1
	INCH Siphon String still Flowing. Mixed 25 SKS Cement Hooking
	to Siphon String PST up to Topst held for 10 minutes Released
	PST Re-filled annular Bowl with Cement SDFN
10-22-23	Set Monument & Topped off well - Removed REST of Equipment
	want on Reclaim
10-31-23	Still no Reclaim
11-2-23	Equipment still on site
1-15-24	Received & Signed Affidavit
4-10-24	Well is healing & Must be Replugged -- New Perm. +
	will be Signo by Cruise hoosen Rekey Permit

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



ORIGINAL

AFFIDAVIT OF PLUGGING AND FILLING WELL

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

Farm name: CASEY, S.L. Operator Well No.: S L CASEY 1

LOCATION: Elevation: 619.55' Quadrangle: Clendenin
District: Geary County: Roane
Latitude: 4266037.41 Feet South of _____ Deg. _____ Min. _____ Sec.
Longitude: 469612.04 Feet West of _____ Deg. _____ Min. _____ Sec.

Well Type: OIL _____ GAS X

Company Diversified Energy Coal Operator Kenneth Matthew Young
414 Summers Street or Owner P.O. Box 41
Charleston, WV 26301 Elkview, WV 25071
Coal Operator None
Agent Charles Shafer or Owner _____
Permit Issued Date 5/5/2022

AFFIDAVIT

STATE OF WEST VIRGINIA,
County of Roane ss:

Michael Proctor and Timothy Hicks being first duly sworn according to law depose and say that they are experienced in the work of plugging and filling oil and gas wells and were employed by the above named well operator, and participated in the work of plugging and filling the above well say that said work was commenced on the 11th day of October, 2023, and the well was plugged and filled in the following manner:

TYPE	FROM	TO	PIPE REMOVED	LEFT
0 sks of Class L cmt	1573'	830'	0 of 5 - 1/2"	1447' of 5 - 1/2"
1 sks of Class L cmt	830'	320'	0 of 1"	unknown
2 sks of Class L cmt	320'	surface	0 of 13 - 3/8"	unknown
3 sks of Class L cmt	unknown down 1"	surface		

Description of monument: API # Welded on 6" casing and 30" in height and that the work of plugging and filling well was completed on the 23rd day of October, 2023.

And further deponents saith not. Chris Veazey

Chris Veazey

Sworn and subscribe before me this 17th day of November, 2023

My commission expires: 9/28/2028

Jeffrey Bush
Notary Public



Affidavit reviewed by the Office of Oil and Gas: Debra Hula 11-27-23 Title: Inspector **05/10/2024**



NEXT LVL ENERGY - End of Well Plugging Report

API Number	4708702259	Customer	DIVERSIFIED GAS & OIL
Well Name	S L CASEY 1	Start Date	10/11/2023
County	Roane	End Date	10/23/2023
State	WV	Foreman/Ops Mgr	Michael Proctor
Rig	Rig_12	Rig Operator	Timothy Hicks

Plug Summary			
Top (MD)	Bottom (MD)	Sacks	BBLs
830	1,573	100.00	20.00
320	830	61.00	12.20
0	320	55.00	11.00
0	unknown down the 1"	25.00	5.00

Pipe Recovery Summary		
CSG/TBG (OD)	Pipe Removed (ft)	Left in Wellbore (ft)
5 1/2	0	1,447
1"	0	unknown
13 3/8	0	unknown

Perforation Summary		
Depth (ft)	# of Shots	Shot Distance
815	3	6"
648 cut in 5 1/2	7	2"
626	3	6"
436	3	6"

Photo Attachments	
Plugging Monument	
	
Other Photo	
	

Fluid Disposal Summary		
Date	BBLs Hauled	Vendor
10/12/2023	60	KTE
10/16/2023	25	KTE
10/17/2023	25	KTE
10/23/2023	80	KTE

Roane
2259

UNITED FUEL GAS COMPANY

087-2259

4708702259P

SERIAL WELL NO. 19		LEASE NO.		MAP SQUARE 76-73			
RECORD OF WELL No. 1				CASING AND TUBING			NATURAL GAS
S. L. Casey		Farm of 50 Acres		SIZE	USED IN DRILLING	LEFT IN WELL	10lbs. of Water in inch
in Geary		District		16			of Merc. in inch
Roane		County		13	32	32	10lbs. Volume 10,526 M Cu. ft.
Field, State of W. Va.				10	145	145	TEST AFTER SHOT
Rig Commenced		Date		8 1/2"	437		10lbs. of Water in men
Rig Completed		Date		6 5/8	1405	1405	of Merc. in men
Drilling Commenced February 2, 1906		Date		5 3/16			10lbs. Volume Cu. ft.
Drilling Completed March 8, 1906		Date		4 7/8			Rock Pressure
Drilling to cost \$1.25 per foot				4	X		Date Shut
Contractor is: Lockwood & Currie				3			Size of Torpedo
Address: Marietta, Ohio				2			Oil Flowed lbs. 1st 24 hrs.
Driller's Name				SHUT IN			Oil Pumped lbs. 1st 24 hrs.
				Date			
				in Tubing or Casing			Well abandoned and
				Size of Packer 4 x 6 5/8			Plugged 193
				Kind of Packer Dresser			
				1st Perf. Set from			
				2nd Perf. Set from			
Elevation - 626.2 L.							

DRILLER'S RECORD

FORMATION	TOP	BOTTOM	THICKNESS	REMARKS
Slate		300	300	Gauge of July 1909 - 8,277 M
Coal	300	301	1	Packer set 110' from bottom
Slate	301	435	134	Gas pay in Big Injun
Coal	435	437	2	About 1 Bbl. of oil per day 825'.
Sand	437	820	383	Oil sand from 810-825.
Salt Sand	820	1360	540	Water @ 895 full at 915.
Little Lime	1360	1390	30	Gas from 1530-1550.
Penell Gave	1390	1400	10	4 x 2 Anchor packer set 110' from bottom
Big Lime	1400	1513	113	Perforation 21' 11" off Bottom (5-3-27)
Keener	1513	1528	15	
Slate	1528	1539	11	
Big Injun	1539	1553	14	
Slate	1553	1558	5	
Total Depth		1558		

RECEIVED
Office of Oil and Gas

MAY 04 2022

WV Department of
Environmental Protection

4708702259	Core Appalachia Operating LLC	2016	0																
4708702259	Core Appalachia Operating LLC	2017	0																
4708702259	Core Appalachia Operating LLC	2018	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
4708702259	Core Appalachia Operating LLC	2019	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
4708702259	Diversified Production, LLC	2020	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
4708702259	Diversified Production, LLC	2021	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
4708702259	Diversified Production, LLC	2022	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0

4708702259P

Production NGL Information: (Volumes in Bbl) ** some operators may have reported NGL under Oil * 2023 data for H6A wells only. Other wells are incomplete at this time.

API	PRODUCING_OPERATOR	PRD_YEAR	ANN_NGL	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DCM
4708702259	Chesapeake Appalachia, LLC	2013	0	0	0	0	0	0	0	0	0	0	0	0	0
4708702259	Chesapeake Appalachia, LLC	2014	0	0	0	0	0	0	0	0	0	0	0	0	0
4708702259	Chesapeake Appalachia, LLC	2015	0	0	0	0	0	0	0	0	0	0	0	0	0
4708702259	Core Appalachia Operating LLC	2016	0												
4708702259	Core Appalachia Operating LLC	2018	0	0	0	0	0	0	0	0	0	0	0	0	0
4708702259	Core Appalachia Operating LLC	2019	0	0	0	0	0	0	0	0	0	0	0	0	0
4708702259	Diversified Production, LLC	2020	0	0	0	0	0	0	0	0	0	0	0	0	0
4708702259	Diversified Production, LLC	2021	0	0	0	0	0	0	0	0	0	0	0	0	0
4708702259	Diversified Production, LLC	2022	0	0	0	0	0	0	0	0	0	0	0	0	0

Production Water Information: (Volumes in Gallons) * 2023 data for H6A wells only. Other wells are incomplete at this time.

API	PRODUCING_OPERATOR	PRD_YEAR	ANN_WTR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DCM
4708702259	Core Appalachia Operating LLC	2016	0												
4708702259	Core Appalachia Operating LLC	2018	0	0	0	0	0	0	0	0	0	0	0	0	0
4708702259	Core Appalachia Operating LLC	2019	0	0	0	0	0	0	0	0	0	0	0	0	0
4708702259	Diversified Production, LLC	2020	0	0	0	0	0	0	0	0	0	0	0	0	0
4708702259	Diversified Production, LLC	2021	0	0	0	0	0	0	0	0	0	0	0	0	0
4708702259	Diversified Production, LLC	2022	0	0	0	0	0	0	0	0	0	0	0	0	0

There is no Stratigraphy data for this well

Wireline (E-Log) Information:

* There is no Scanned/Raster Log data for this well

* There is no Digitized/LAS Log data for this well

* There is no Scanned or Digital Logs available for download

There is no Plugging data for this well

There is no Sample data for this well

WW-4A
Revised 6-07

1) Date: 4/12/2024
2) Operator's Well Number S L CASEY 1
3) API Well No.: 47 - 087 - 02259

STATE OF WEST VIRGINIA
DEPARTMENT OF ENVIRONMENTAL PROTECTION, OFFICE OF OIL AND GAS
NOTICE OF APPLICATION TO PLUG AND ABANDON A WELL

4) Surface Owner(s) to be served:	5) (a) Coal Operator
(a) Name <u>Kenneth Matthew Young</u>	Name <u>None</u>
Address <u>P.O. Box 41</u>	Address _____
<u>Elkview, WV 25071</u>	_____
(b) Name _____	(b) Coal Owner(s) with Declaration
Address _____	Name <u>Kenneth Matthew Young</u>
_____	Address <u>P.O. Box 41</u>
_____	<u>Elkview, WV 25071</u>
(c) Name _____	Name _____
Address _____	Address _____
_____	_____
6) Inspector <u>Cruise Lawson</u>	(c) Coal Lessee with Declaration
Address <u>347 Main St.</u>	Name <u>No Declaration</u>
<u>Spencer, WV 25276</u>	Address _____
Telephone <u>304-926-0450</u>	_____

TO THE PERSONS NAMED ABOVE: You should have received this Form and the following documents:

- (1) The application to Plug and Abandon a Well on Form WW-4B, which sets out the parties involved in the work and describes the well its and the plugging work order; and
- (2) The plat (surveyor's map) showing the well location on Form WW-6.

The reason you received these documents is that you have rights regarding the application which are summarized in the instructions on the reverses side. However, you are not required to take any action at all.

Take notice that under Chapter 22-6 of the West Virginia Code, the undersigned well operator proposes to file or has filed this Notice and Application and accompanying documents for a permit to plug and abandon a well with the Chief of the Office of Oil and Gas, West Virginia Department of Environmental Protection, with respect to the well at the location described on the attached Application and depicted on the attached Form WW-6. Copies of this Notice, the Application, and the plat have been mailed by registered or certified mail or delivered by hand to the person(s) named above (or by publication in certain circumstances) on or before the day of mailing or delivery to the Chief.



Well Operator Diversified Production, LLC
 By: Chris Veazey
 Its: Director of Administration
 Address 414 Summers Street
Charleston, WV 25301
 Telephone 304-590-7707

Subscribed and sworn before me this 12th day of April, 2024 Notary Public

My Commission Expires September 28, 2028

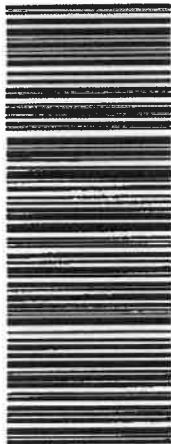
Oil and Gas Privacy Notice

The Office of Oil and Gas processes your personal information, such as name, address and phone number, as a part of our regulatory duties. Your personal information may be disclosed to other State agencies or third parties in the normal course of business or as needed to comply with statutory or regulatory requirements, including Freedom of Information Act requests. Our office will appropriately secure your personal information. If you have any questions about our use of your personal information, please contact DEP's Chief Privacy Officer at depprivacyofficer@wv.gov.

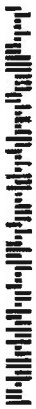
4708702259P

Diversified Gas & Oil Corporation
Permitting Department
414 SUMMERS STREET
2ND. FLOOR
CHARLESTON WV 25301

USPS CERTIFIED MAIL™

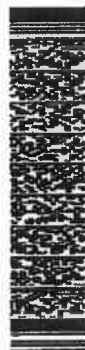


9407 1362 0855 1792 0518 58



KENNETH MATTHEW YOUNG
PO BOX 41
ELKVIEW WV 25071-0041

US POSTAGE AND FEES PAID
2024-04-12
25301
C4000004
Retail
4.0 OZ FLAT



0801000010708



SURFACE OWNER WAIVER

Operator's Well
Number

S L CASEY 1

INSTRUCTIONS TO SURFACE OWNERS NAMED ON PAGE WW4-A

The well operator named on page WW-4A is applying for a permit from the State to plug and abandon a well. (Note: If the surface tract is owned by more than three persons, then these materials were served on you because your name appeared on the Sheriff's tax ticket on the land or because you actually occupy the surface tract. In either case, you may be the only owner who will actually receive these materials.) See Chapter 22 of the West Virginia Code. Well work permits are valid for 24 months. If you do not own any interest in the surface tract, please forward these materials to the true owner immediately if you know who it is. Also, please notify the well operator and the Office of Oil and Gas.

**NOTE: YOU ARE NOT REQUIRED TO FILE ANY COMMENT.
WHERE TO FILE COMMENTS AND OBTAIN ADDITIONAL INFORMATION:**

Chief, Office of Oil and Gas
Department of Environmental Protection
601 57th St. SE
Charleston, WV 25304
(304) 926-0450

Time Limits and methods for filing comments. The law requires these materials to be served on or before the date the operator files his Application. You have **FIVE (5) DAYS** after the filing date to file your comments. Comments must be filed in person or received in the mail by the Chief's office by the time stated above. You may call the Chief's office to be sure of the date. Check with your postmaster to ensure adequate delivery time or to arrange special expedited handling. If you have been contacted by the well operator and you have signed a "voluntary statement of no objection" to the planned work described in these materials, then the permit may be issued at any time.

Comments must be in writing. Your comments must include your name, address and telephone number, the well operator's name and well number and the approximate location of the proposed well site including district and county from the application. You may add other documents, such as sketches, maps or photographs to support your comments.

The Chief has the power to deny or condition a well work permit based on comments on the following grounds:

- 1) The proposed well work will constitute a hazard to the safety of persons.
- 2) The soil erosion and sediment control plan is not adequate or effective;
- 3) Damage would occur to publicly owned lands or resources;
- 4) The proposed well work fails to protect fresh water sources or supplies;
- 5) The applicant has committed a substantial violation of a previous permit or a substantial violation of one or more of the rules promulgated under Chapter 22, and has failed to abate or seek review of the violation...".

If you want a copy of the permit as it is issued or a copy of the order denying the permit, you should request a copy from the Chief.

VOLUNTARY STATEMENT OF NO OBJECTION

I hereby state that I have read the instructions to surface owners and that I have received copies of a Notice and Application For A Permit To Plug And Abandon on Forms WW-4A and WW-4B, and a survey plat.

I further state that I have no objection to the planned work described in these materials, and I have no objection to a permit being issued on those materials.

**FOR EXECUTION BY A NATURAL PERSON
ETC.**

FOR EXECUTION BY A CORPORATION,

_____	Date _____	Name _____
Signature		By _____
		Its _____
		Date _____

Signature

Date

05/10/2024

4708702259 P

WW-4B

API No. 4708702259
Farm Name CASEY, S.L.
Well No. S L CASEY 1

**INSTRUCTIONS TO COAL OPERATORS
OWNERS AND LESSEE**

The well operator named on the obverse side of WW-4 (B) is about to abandon the well described in the enclosed materials and will commence the work of plugging and abandoning said well on the date the inspector is notified. Which date shall not be less than five days after the day on which this notice and application so mailed is received, or in due course should be received by the Department of Environmental Protection Office of Oil & Gas.

This notice and application is given to you in order that your respective representatives may be present at the plugging and filling of said well. You are further notified that whether you are represented or not the operator will proceed to plug and fill said well in the manner required by Section 24, Article 6, Chapter 22 of the Code and given in detail on obverse side of this application.

NOTE: If you wish this well to be plugged according to 22-6-24(d) then as per Regulation 35CSR4-13.9 you must complete and return to this office on form OB-16 "Request by Coal Operator, Owner, or Lessee for plugging" prior to the issuance of this plugging permit.

WAIVER

The undersigned coal operator / owner / lessee / of the coal under this well location has examined this proposed plugging work order. The undersigned has no objection to the work proposed to be done at this location, provided, the well operator has complied with all applicable requirements of the West Virginia Code and the governing regulations.

Date: _____

By: _____

Its _____

05/10/2024



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4708702259P

Date: 4/12/2024

James Martin
Office of Oil and Gas
601 57th Street, SE
Charleston, WV 25304
(304)926-0450

Mr. Martin,

Due to our cement provider, LaFarge Holcem, discontinuing the manufacturing of Class A cement, DGOOC will be utilizing Class L cement to plug the following well:

API Number 4708702259 Well Name S L CASEY 1

Attached is the approved variance order for use of Class L cement.

Sincerely,

Chris Veazey
Permitting Supervisor
304-590-7707



4708702259P

west virginia department of environmental protection

Office of Oil and Gas
601 57th Street, SE
Charleston, WV 25304
Phone (304) 928-0460

Harold D. Ward, Cabinet Secretary
dep.wv.gov

**BEFORE THE OFFICE OF OIL AND GAS
DEPARTMENT OF ENVIRONMENTAL PROTECTION
STATE OF WEST VIRGINIA**

**IN THE MATTER OF A VARIANCE FROM)
LEGISLATIVE RULE 35CSR4) ORDER NO. 2022-13
SECTION 14.1. AND LEGISLATIVE RULE)
35CSR8 SECTION 20.1,)
RELATING TO THE CEMENTING)
OF OIL AND GAS WELLS)**

REPORT OF THE OFFICE

In response to industry requests, the West Virginia Department of Environmental Protection, Office of Oil and Gas has reviewed the proposed use of American Petroleum Institute (API) Class L cement to be used in place of API Class A cement for well plugging.

FINDINGS OF FACT

1. On July 28, 2022, Diversified Gas & Oil Co. (DGO) submitted a variance request from Legislative Rule 35CSR4 for the use of API Class L cement in place of API Class A cement, relating to the plugging of conventional wells.
2. Laboratory analysis submitted by DGO on July 28, 2022, indicates API Class L cement is comparable to API Class A cement and thereby satisfies the requirements of the West Virginia Code.
3. Contemporaneously, the Chief of the Office of Oil and Gas also chose to consider a variance to Legislative Rule 35CSR8 Section 20.1., for the use of API Class L cement in place of API Class A cement, relating to the plugging of horizontal wells.

Promoting a healthy environment.

05/10/2024

4. On August 18, 2022, the Office of Oil and Gas provided public notice of acceptance of public comments on the variance consideration. During the 20-day public comment period, no comments were received.

CONCLUSIONS OF LAW

Pursuant to Article 6 and Article 6A, Chapter 22 of the Code of West Virginia, the Office of Oil and Gas has jurisdiction over the subject matter, and the persons interested therein, and jurisdiction to promulgate the hereinafter prescribed Order.

Pursuant to Legislative Rule 35CSR4, Section 18 and Legislative Rule 35CSR8, Section 14, the Chief of the Office of Oil and Gas may grant a variance from any requirement of these rules.

ORDER

It is ordered that the Class L cement product approved and monogrammed by API is approved for use in place of API Class A cement for well plugging subject to the provisions of Legislative Rule 35CSR4 and Legislative Rule 35CSR8.

Dated this, the 13th day of September, 2022.

IN THE NAME OF THE STATE OF WEST VIRGINIA

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



James Martin, Chief
Office of Oil and Gas

WW-9
(5/16)

API Number 47 - 087 - 02259
Operator's Well No. SL CASEY 1

STATE OF WEST VIRGINIA
DEPARTMENT OF ENVIRONMENTAL PROTECTION
OFFICE OF OIL AND GAS
FLUIDS/ CUTTINGS DISPOSAL & RECLAMATION PLAN

Operator Name: Diversified Production, LLC OP Code 494524121

Watershed (HUC 10) Left Hand Creek Quadrangle Clendenin

Do you anticipate using more than 5,000 bbls of water to complete the proposed well work? Yes No

Will a pit be used? Yes No

If so, please describe anticipated pit waste: Production fluid and cement returns.

Will a synthetic liner be used in the pit? Yes No If so, what ml.? 20

Proposed Disposal Method For Treated Pit Wastes:

- Land Application (if selected provide a completed form WW-9-GPP)
- * Underground Injection (UIC Permit Number 2D03902327 002)
- Reuse (at API Number _____)
- Off Site Disposal (Supply form WW-9 for disposal location)
- Other (Explain _____)

Will closed loop system be used? If so, describe: N/A

Drilling medium anticipated for this well (vertical and horizontal)? Air, freshwater, oil based, etc. N/A

-If oil based, what type? Synthetic, petroleum, etc. N/A

Additives to be used in drilling medium? N/A

Drill cuttings disposal method? Leave in pit, landfill, removed offsite, etc. N/A

-If left in pit and plan to solidify what medium will be used? (cement, lime, sawdust) N/A

-Landfill or offsite name/permit number? N/A

Permittee shall provide written notice to the Office of Oil and Gas of any load of drill cuttings or associated waste rejected at any West Virginia solid waste facility. The notice shall be provided within 24 hours of rejection and the permittee shall also disclose where it was properly disposed.

I certify that I understand and agree to the terms and conditions of the GENERAL WATER POLLUTION PERMIT issued on April 1, 2016, by the Office of Oil and Gas of the West Virginia Department of Environmental Protection. I understand that the provisions of the permit are enforceable by law. Violations of any term or condition of the general permit and/or other applicable law or regulation can lead to enforcement action.

I certify under penalty of law that I have personally examined and am familiar with the information submitted on this application form and all attachments thereto and that, based on my inquiry of those individuals immediately responsible for obtaining the information, I believe that the information is true, accurate, and complete. I am aware that there are significant penalties for submitting false information, including the possibility of fine or imprisonment.

Company Official Signature *Chris Veazey*

Company Official (Typed Name) Chris Veazey

Company Official Title Permitting Supervisor



Subscribed and sworn before me this 12th day of April, 2024

Jeffrey Bush Notary Public

My commission expires September 28, 2028

Proposed Revegetation Treatment: Acres Disturbed +/- 1 ac. Prevegetation pH

Lime 3 Tons/acre or to correct to pH 6.5

Fertilizer type 10-20-20 or Equivalent

Fertilizer amount 500 lbs/acre

Mulch 2 Tons/acre

Seed Mixtures

Temporary		Permanent	
Seed Type	lbs/acre	Seed Type	lbs/acre
Red Fescue	40	Red Fescue	15
Alsike	5	Alsike Clover	5
Annual Rye	15		

Attach:

Maps(s) of road, location, pit and proposed area for land application (unless engineered plans including this info have been provided). If water from the pit will be land applied, provide water volume, include dimensions (L, W, D) of the pit, and dimensions (L, W), and area in acres, of the land application area.

Photocopied section of involved 7.5' topographic sheet.

Plan Approved by: _____

Comments: _____

Title: Doug Newlon Date: MAY 09, 2024

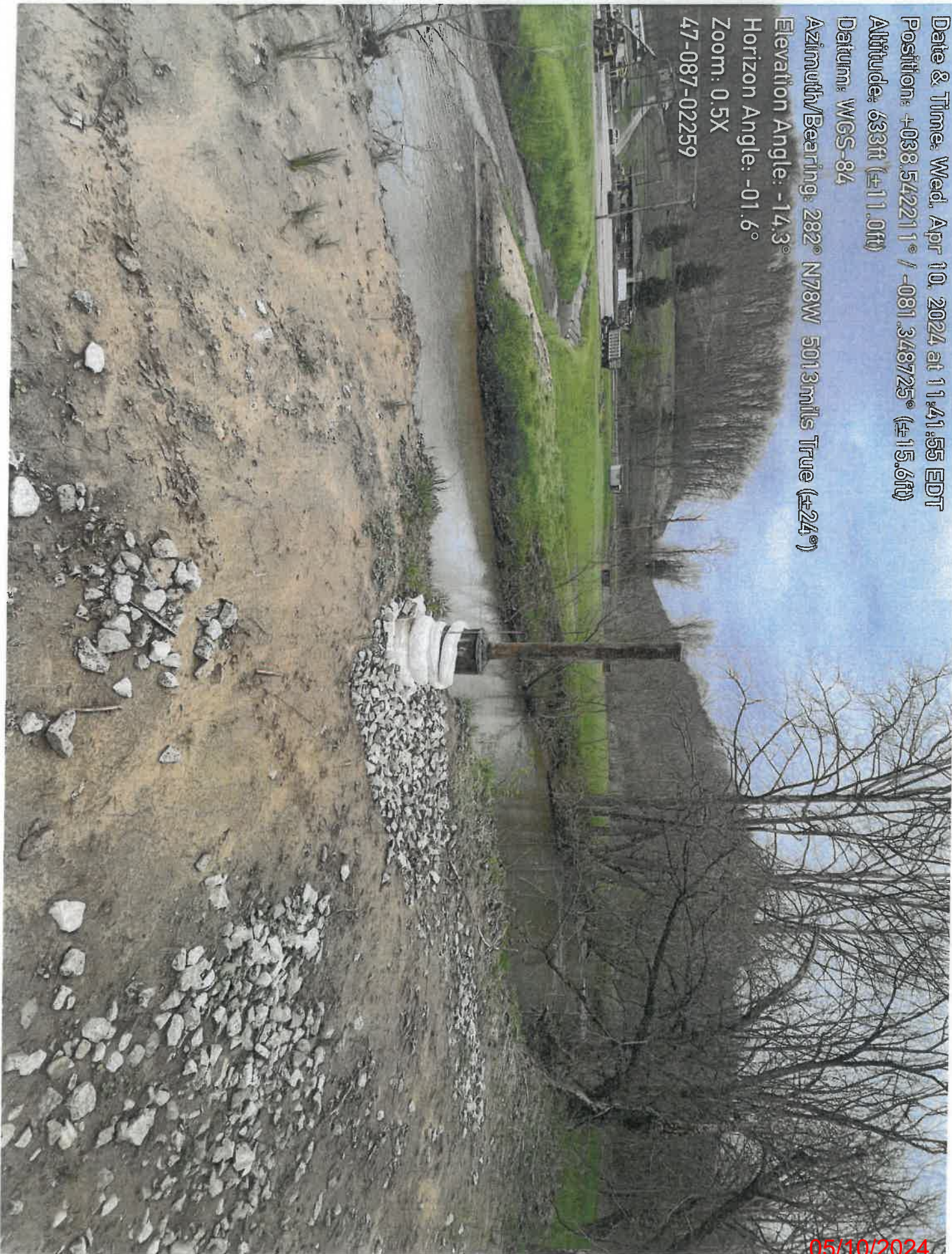
Field Reviewed? Yes No

4708702259
Date & Time: Wed, Apr 10, 2024 at 11:41:35 EDT
Position: +038.542253° / -081.348730° (±15.6ft)
Altitude: 629ft (±10.9ft)
Datum: WGS-84
Azimuth/Bearing: 100° S80E 1778mils True (±36°)
Elevation Angle: -28.3°
Horizon Angle: -00.2°
Zoom: 0.5X
47-087-02259



05/10/2024

Date & Time: Wed, Apr 10, 2024 at 11:41:55 EDT
 Position: +038.542211° / -081.348725° (±15.6ft)
 Altitude: 633ft (±11.0ft)
 Datum: WGS-84
 Azimuth/Bearing: 282° N78W 5013mils True (±24°)
 Elevation Angle: -14.3°
 Horizon Angle: -01.6°
 Zoom: 0.5X
 47-087-02259



05/10/2024

4708702259P

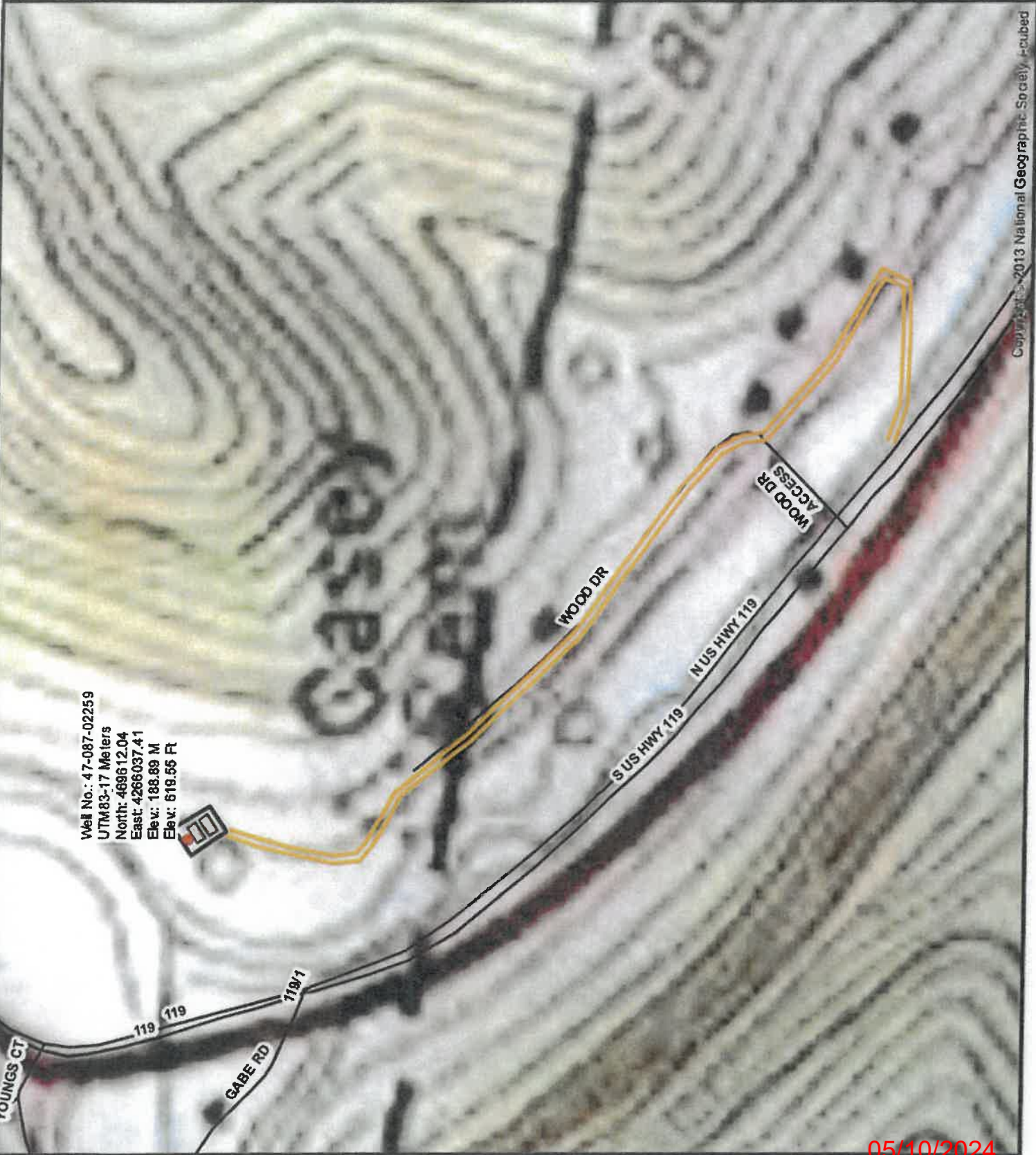
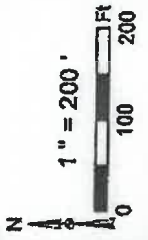


Diversified Gas & Oil Corporation
100 Diversified Way
Pikeville KY, 41051

47-087-02259
Plugging Map

Legend

- Well
- Access Road
- ▨ Pits
- ▭ Pad
- Public Roads



Well No.: 47-087-02259
 UTM83-17 Meters
 North: 469612.04
 East: 4266037.41
 Elev.: 188.89 M
 Elev.: 619.55 Ft

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WW-7
8-30-06



West Virginia Department of Environmental Protection
Office of Oil and Gas
WELL LOCATION FORM: GPS

API: 4708702259 WELL NO.: S L CASEY 1

FARM NAME: CASEY, S.L.

RESPONSIBLE PARTY NAME: Diversified Production, LLC

COUNTY: Roane DISTRICT: Geary

QUADRANGLE: Clendenin

SURFACE OWNER: Kenneth Matthew Young

ROYALTY OWNER: Moondance LLC

UTM GPS NORTHING: 469612.04

UTM GPS EASTING: 4266037.41 GPS ELEVATION: 619.55'

The Responsible Party named above has chosen to submit GPS coordinates in lieu of preparing a new well location plat for a plugging permit or assigned API number on the above well. The Office of Oil and Gas will not accept GPS coordinates that do not meet the following requirements:

1. Datum: NAD 1983, Zone: 17 North, Coordinate Units: meters, Altitude: height above mean sea level (MSL) – meters.
2. Accuracy to Datum – 3.05 meters
3. Data Collection Method:

Survey grade GPS : Post Processed Differential

Real-Time Differential

Mapping Grade GPS : Post Processed Differential

Real-Time Differential

4. Letter size copy of the topography map showing the well location.

I the undersigned, hereby certify this data is correct to the best of my knowledge and belief and shows all the information required by law and the regulations issued and prescribed by the Office of Oil and Gas.


Signature

Chris Veazey - Director of Administration
Title

4/12/24
Date

05/10/2024



4708702259P

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April 12, 2024

Cruise Lawson
347 Main St.
Spencer, WV 25276

Mr. Lawson,
Please find enclosed a revised Permit Application to plug API# 47-087-02259, in Roane County, WV.

If you have any questions, comments, or if you require additional information, please feel free to contact me at 304-590-7707.

Thank You,

Chris Veazey
Permitting Supervisor

Diversified Energy Company
414 Summers St.
Charleston, WV 25301
(304) 590-7707
Email: cveazey@dgoc.com

414 Summers Street
Charleston, WV 25301

05/10/2024