



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

Tuesday, November 1, 2022
WELL WORK PLUGGING PERMIT
Vertical Plugging

DIVERSIFIED PRODUCTION LLC
101 MCQUISTON DRIVE

JACKSON CENTER, PA 16133

Re: Permit approval for "B"2-S-224
47-005-00928-00-00

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: "B"2-S-224
Farm Name: LITTLE COAL LAND CO.
U.S. WELL NUMBER: 47-005-00928-00-00
Vertical Plugging
Date Issued: 11/1/2022

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.

OCT 07 2022

WV Department of
Environmental Protection

4700500928

- 1) Date September 26, 2022
- 2) Operator's Well No. 02
- 3) API Well No. 47-005 - 00928

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 X / Liquid injection ___ / Waste disposal ___ /
(If "Gas, Production X or Underground storage ___) Deep ___ / Shallow X

5) Location: Elevation 886.97 feet Watershed Spring Branch of Ballard Fork of Mud River
District Scott County Boone Quadrangle Madison

6) Well Operator <u>Diversified Production, LLC</u>	7) Designated Agent <u>Charles Shafer</u>
Address <u>414 Summers Street</u>	Address <u>414 Summers Street</u>
<u>Charleston, WV 25301</u>	<u>Charleston, WV 25301</u>


8) Oil and Gas Inspector to be notified	9) Plugging Contractor
Name <u>Terry Urban</u>	Name <u>Next LVL Energy</u>
Address <u>P.O. Box 1207</u>	Address <u>1951 Pleasantview Ridge Road</u>
<u>Clendenin, WV 25045</u>	<u>Ravenswood, WV 26164</u>

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

See Attached

SEE Plug Page

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

Work order approved by inspector  Date 10-4-22

11/04/2022

Plugging Prognosis

API #: 4700500928

West Virginia, Boone Co.

Lat/Long: 38.067741, -81.937255

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

Casing Schedule:

10" @ 82'

6-5/8" @ 1465' (no cement record)

2" tbg @ 2150' (Anchor packer, hard to read on report what depth)

TD @ Not on the well report

Completion: Shot at 2098'-2119', Little lime is listed on FERC-121 as the producing formation 1400'-1430' but that formation is behind the 6-5/8" csg

Fresh Water: 70'

Salt Water: 800'

Gas Shows: None listed

Oil Shows: None listed

Coal: None listed

Elevation: 895'

Operator to Cover with Cement all Oil & Gas Formation including Salt, Elevation, COALS, Freshwater

Agued Ullrich
10-4-22

1. Notify Inspector Terry Urban @ 304-549-5915, 48 hrs prior to commencing operations.
2. Check and record pressures on csg/tbg.
3. Release packer, pull and lay down tbg.
4. Run Wireline to check TD and run CBL on 6-5/8" csg. *Run in TO TOP OF SHOT (2098')*
5. Run in to depth @ *2098'* Kill well as needed with 6% bentonite gel and fill rat hole. Pump at least 10 bbls gel. Pump 121' C1A/Class L cement plug from *2098'* to 1998' (perforations plug). *9 MM*
Tag TOC. Pump plugs in stages as needed. Top off as needed.
6. TOOH w/ tbg to 1998'. Pump 6% bentonite gel from 1998' to 1515'.
7. TIH w/ tbg to 1515', pump 215' C1A/Class L cement plug from 1515' to 1300' (6-5/8" csg shoe and little lime formation csg plug).
8. TOOH w/ tbg to 1300'. Pump 6% bentonite gel from 1300' to 895'.
9. Free point 6-5/8" csg. Cut and TOOH. Set 100' C1A/Class L cement plug across csg cut. 50' in/out of cut. **Do not omit any plugs listed below. Perforate as needed.**
10. TOOH w/ tbg to 895', pump 195' C1A/Class L cement plug from 895' to 700' (elevation and saltwater plug).
11. TOOH w/ tbg to 700'. Pump 6% bentonite gel from 700' to 100'.
12. TOOH w/ tbg to 100'. Pump ^{150'} ~~100'~~ C1A/Class L cement plug from ^{150'} ~~100'~~ to surface (freshwater, *BLACK SLATE* surface plug).
13. Reclaim location and well road to WV DEP specifications and erect P&A well monument.

Records are incomplete Operator should tag TD preferably before setting Bottom plug

11/04/2022

4700500928P

Boo-928

47-005-00928P

Need
2nd
sheet

104

FORM O. B. 20-10-17-24

THE OWENS BOTTLE COMPANY

Serial Well No. 224 Lease No. 125 Elevation.

RECORD OF WELL No. 2 on the		Conductor, Casing and Tubing				GAS WELL	
Little Coal Land Co. B	Tract of 6173 Acres	SIZE	NO. OF JOINTS	USED IN DRILLING	LEFT IN WELL	INITIAL OPEN FLOW	
District Conductor Jefferson Washington & Scott Lincoln J. Boona County, State of W. Va.						158,000 cubic feet	
Rig Commenced						CLOSED IN PRESSURE	
Rig Completed						Tubing	Braden-head
Drilling Commenced Sept. 9, 1925						10	5 Pounds
Drilling Completed Feb. 9, 1926						15	7 Pounds
Drilling to cost per foot						16	8 Pounds
Contractor is: O.L.O. Tools						20	9 Pounds
Address:						24	10 Pounds
Tool Pusher - J.E. Miller						24 Hours	36 16 Pounds
Drillers' Names Gny. Pagan						475	505 Pounds
Well Abandoned and plugged						OIL WELL	
Top of shot 2098						INITIAL PRODUCTION	
Bottom of shot 2119						Oil flowed barrels	
28 ft. anchor						Oil pumped barrels	

DRILLER'S RECORD

FORMATION	Top	Bottom	Thickness	REMARKS
Quick Sand	0	20	20	
White Sand	20	30	10	
Black Slate	30	140	110	Fresh water at 70 ft.
Sandy Lime	140	175	35	
Slate	175	180	5	
Lime	180	195	15	
Black Slate	195	220	25	
Sandy Lime	220	260	40	
White Slate	260	290	30	
Sandy Lime	290	315	25	
White Slate	315	320	5	
Sand	320	395	75	
Slate	395	410	15	
Sandy Lime	410	470	60	
Black Slate	470	480	10	
Sandy Lime	480	510	30	
Black Slate	510	525	15	
Sandy Lime	525	545	20	
Black Slate	545	580	35	
Sandy Lime	580	800	220	Hole full water at 800-ft.
Sand	800	880	80	
Slate	880	1025	145	
Salt Sand	1025	1250	225	
Slate	1250	1300	50	
Lime	1300	1310	10	
Slate	1310	1330	20	
Lime	1330	1360	30	
Slate	1360	1400	40	
Little Lime	1400	1430	30	
Penoll Cave	1430	1440	10	

11/04/2022



Table Descriptions
 County Code Translations
 Permit Numbering Series
 Usage Notes
 Contact Information
 Disclaimer
 WVGES Main
 Pipeline Plus - New

Select County: (005) Boone (Check All)

Enter Permit #: 00928

Location Production Plugging
 Owner/Completion Stratigraphy Sample
 Pay/Show/Water Logs Btm Hole Loc

Get Data

Report Time: Tuesday, November 01, 2022 10:47:38 AM

Well: County = 5 Permit = 00928 [Link to all digital records for well](#)

WV Geological & Economic Survey: [View Map](#)

Location Information:

API	COUNTY	PERMIT	TAX_DISTRICT	QUAD_75	QUAD_15	LAT_DD	LONG_DD	UTME	UTMN
4700500928	Boone	928	Washington	Mud	38.06784	-81.93704	417796.7	4213756.6	

There is no Bottom Hole Location data for this well

Owner Information:

API	CMP_DT	SUFFIX	STATUS	SURFACE_OWNER	WELL_NUM	CO_NUM	LEASE	LEASE_NUM	MINERAL_OWN	OPERATOR_AT_COMPLETION	PROP_VD	PROP_TRGT_FM	TFM_EST_PR
4700500928	2/9/1936	Original Loc	Completed	Little Coal Ld Co-2	224					Libbey Owens Gas			
4700500928	--	Drilled Deeper	Completed	Little Coal Land Z	224					Libbey Owens Gas			

Completion Information:

API	CMP_DT	SPUD_DT	ELEV DATUM	FIELD	DEEPEST_FM	DEEPEST_FMT	INITIAL_CLASS	FINAL_CLASS	TYPE	RIG	CMP_MTHD	TVD	TMD	NEW_FTG	KOD	G_BEF	G_AFT	O_BEF	O_AFT	NGL_BEF	NGL_AFT	P_BEF	P_AFT
4700500928	2/9/1936	9/9/1935	896 Casing Flange	Julian-Madison	Berea Ss		Development Well	Development Well	Gas	unknown	Shot	2150				0	158	0	0			0	0
4700500928	--	--	896 Ground Level				unclassified	unclassified	not available	unknown	unknown	unknown	unknown			0	0	0	0			0	0

Pay/Show/Water Information:

API	CMP_DT	ACTIVITY	PRODUCT	SECTION	DEPTH	TOP	FM	TOP	DEPTH	BOT	FM	BOT	G_BEF	G_AFT	O_BEF	O_AFT	WATER_QNTY
4700500928	2/9/1936	Pay	Gas	Vertical	2088	Berea Ss	2119	Berea Ss	0	158							

Production Gas Information: (Volumes in Mcf)

PRD_YEAR	ANN_GAS	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DCM
1979	9,526												
1980	9,479	684	620	609	633	476	654	598	512	548	635	560	560
1981	7,109	589	594	484	579	676	544	560	514	513	628	0	0
1982	6,204	523	589	0	206	49	0	1,129	242	834	1,015	947	
1983	4,749	0	634	546	553	464	509	451	470	489	449	380	
1984	6,372	800	617	306	366	417	306	356	414	418	391	530	411
1985	4,852	464	397	366	417	306	356	414	418	391	530	411	382
1986	3,658	410	412	28	0	9	378	591	496	541	436	357	0
1987	4,864	440	438	399	466	411	17	471	461	557	364	410	430
1988	5,250	455	362	402	484	418	382	425	440	436	439	441	366
1989	5,026	405	388	437	399	360	447	405	478	409	408	461	429
1990	5,623	503	416	420	350	323	306	377	357	418	528	400	490
1991	4,912	500	443	420	350	323	306	377	357	418	528	400	490
1992	5,777	429	389	400	521	454	566	466	470	496	519	526	541
1993	6,417	541	499	494	485	458	513	537	571	599	577	559	584
1994	6,970	597	519	614	468	553	567	579	673	615	579	595	611
1995	7,289	577	607	577	601	612	587	735	598	571	596	548	680
1996	7,365	537	594	651	634	658	640	556	652	615	628	592	608
1997	6,779	467	529	587	555	564	601	590	616	587	590	539	554
1998	6,092	527	445	482	482	474	509	529	587	561	539	416	541
1999	6,534	527	484	515	489	598	546	563	586	569	573	537	547
2000	6,754	555	533	573	561	578	575	580	574	545	555	561	564
2001	6,659	551	491	548	555	587	572	587	569	555	562	529	543
2002	3,677	373	300	361	348	363	262	301	291	247	235	275	321
2003	3,461	329	297	333	324	334	286	274	260	280	254	248	262
2004	2,696	263	225	233	235	266	264	260	201	205	191	174	179
2005	2,039	176	165	186	177	183	184	185	161	162	145	138	177
2006	1,839	172	156	172	151	188	152	174	165	145	41	155	168
2007	2,599	179	98	168	152	260	249	262	230	234	261	257	249
2008	4,038	275	260	273	251	241	254	284	251	283	527	557	582
2009	3,131	261	228	251	243	266	255	257	263	253	257	257	265
2010	3,080	268	233	263	243	266	255	263	262	253	264	253	250
2011	3,042	263	236	265	254	260	257	270	269	249	257	246	243
2012	2,967	247	231	251	248	242	246	259	255	256	247	241	244
2013	2,972	248	237	257	249	255	252	257	261	247	245	231	233
2014	4,420	474	446	478	486	500	492	500	488	150	74	40	292
2015	15	15	0	0	0	0	0	0	0	0	0	0	0
2016	0	0	0	0	0	0	0	0	0	0	0	0	0
2017	0	0	0	0	0	0	0	0	0	0	0	0	0
2018	0	0	0	0	0	0	0	0	0	0	0	0	0
2019	0	0	0	0	0	0	0	0	0	0	0	0	0
2020	0	0	0	0	0	0	0	0	0	0	0	0	0
2021	0	0	0	0	0	0	0	0	0	0	0	0	0
2021	0	0	0	0	0	0	0	0	0	0	0	0	0

Production Oil Information: (Volumes in Bbl) ** some operators may have reported NGL under Oil

PRD_YEAR	ANN_OIL	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DCM
1979	0	0	0	0	0	0	0	0	0	0	0	0	0
1980	0	0	0	0	0	0	0	0	0	0	0	0	0
1981	0	0	0	0	0	0	0	0	0	0	0	0	0
1982	0	0	0	0	0	0	0	0	0	0	0	0	0
1983	0	0	0	0	0	0	0	0	0	0	0	0	0
1984	0	0	0	0	0	0	0	0	0	0	0	0	0
1985	0	0	0	0	0	0	0	0	0	0	0	0	0

4700500928 P

WW-4A
Revised 6-07

1) Date: September 26, 2022
2) Operator's Well Number 02
3) API Well No.: 47 - 005 - 00928

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>Little Coal Land Co., C/O Gaddy Engineering</u>	Name <u>ERP Environmental Fund Inc. Attn: Barry Doss</u>
Address <u>303 Washington Street</u> <u>Charleston, WV 25302</u>	Address <u>202 School Drive</u> <u>Shrewsbury, WV 25015</u>
(b) Name _____	(b) Coal Owner(s) with Declaration
Address _____	Name <u>Little Coal Land Co., C/O Gaddy Engineering</u>
(c) Name _____	Address <u>303 Washington Street</u> <u>Charleston, WV 25302</u>
Address _____	Name _____
6) Inspector <u>Terry Urban</u>	(c) Coal Lessee with Declaration
Address <u>P.O. Box 1207</u>	Name <u>ERP Environmental Fund Inc. Attn: Barry Doss</u>
<u>Clendenin, WV 25045</u>	Address <u>202 School Drive</u> <u>Shrewsbury, WV 25015</u>
Telephone <u>304-549-5915</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: Austin Suttler *Austin Suttler*
 Its: Plugging Manager
 Address 414 Summers Street
Charleston, WV 25301
 Telephone 304-419-2562

RECEIVED
Office of Oil and Gas
SEP 29 2022

WV Department of Environmental Protection

Subscribed and sworn before me this 27th day of September 2022
Phyllis A. Copley Notary Public
My Commission Expires September 16, 2023

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.

4700500928f

Well 02

7022 2410 0001 3247 0731

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SEP 27 2022 0523 07

02 47-050-00928
 ERP Environmental Fund Inc.
 Attn: Barry Doss
 202 School Drive
 Shrewsbury, WV 25015

09/27/2022

or Instructions

7022 2410 0001 3247 0748

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<input type="checkbox"/> Adult Signature Restricted Delivery	\$ <u>0.00</u>

Postage \$ 1.68

Postmark Here

SEP 27 2022 0523 07

02 47-050-00928
 Little Coal land Company
 C/O Gaddy Engineering
 303 Washington Street
 Charleston, WV 25302

09/27/2022

Instructions

RECEIVED
 Office of Oil and Gas
 SEP 29 2022
 WV Department of
 Environmental Protection

11/04/2022

4700500928^P

WW-9
(5/16)

API Number 47 - 005 - 00928
Operator's Well No 02

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) Spring Branch of Ballard Fork of Mud River Quadrangle Madison

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: Produced fluid and cement returns ^{TU}

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 2D03902327002)
- 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 *Austin Sutler*

Company Official (Typed Name) Austin Sutler

Company Official Title Plugging Manager



Subscribed and sworn before me this 27th day of September, 2022

Phyllis A. Copley Notary Public

My commission expires September 16, 2023

11/04/2022

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

Lime 3 Tons/acre or to correct to pH 6.5

Fertilizer type 10-20-20 or equivalent

Fertilizer amount 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: [Signature]

Comments: [Blank lines for notes]

Title: Inspector Del Cas Date: 10-4-22

Field Reviewed? (/) Yes () No

WW-7
8-30-06



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

API: 4700500928 WELL NO.: 02
 FARM NAME: Little Land Coal Co
 RESPONSIBLE PARTY NAME: Diversified Production LLC
 COUNTY: Boone DISTRICT: Washington
 QUADRANGLE: Madison
 SURFACE OWNER: Little Land Coal Co C/O Gaddy Engineering
 ROYALTY OWNER: DP Bluegrass LLC
 UTM GPS NORTHING: 4213838.18
 UTM GPS EASTING: 417744.37 GPS ELEVATION: 886.97

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.

Digitally signed by Austin Sutler
Date: 2022.07.19 15:59:20
-04'00'

Plugging Manager

7/19/2022

Signature

Title

Date

4700500928P



DIVERSIFIED
energy
100 Diversified Way
Pikeville KY, 41051

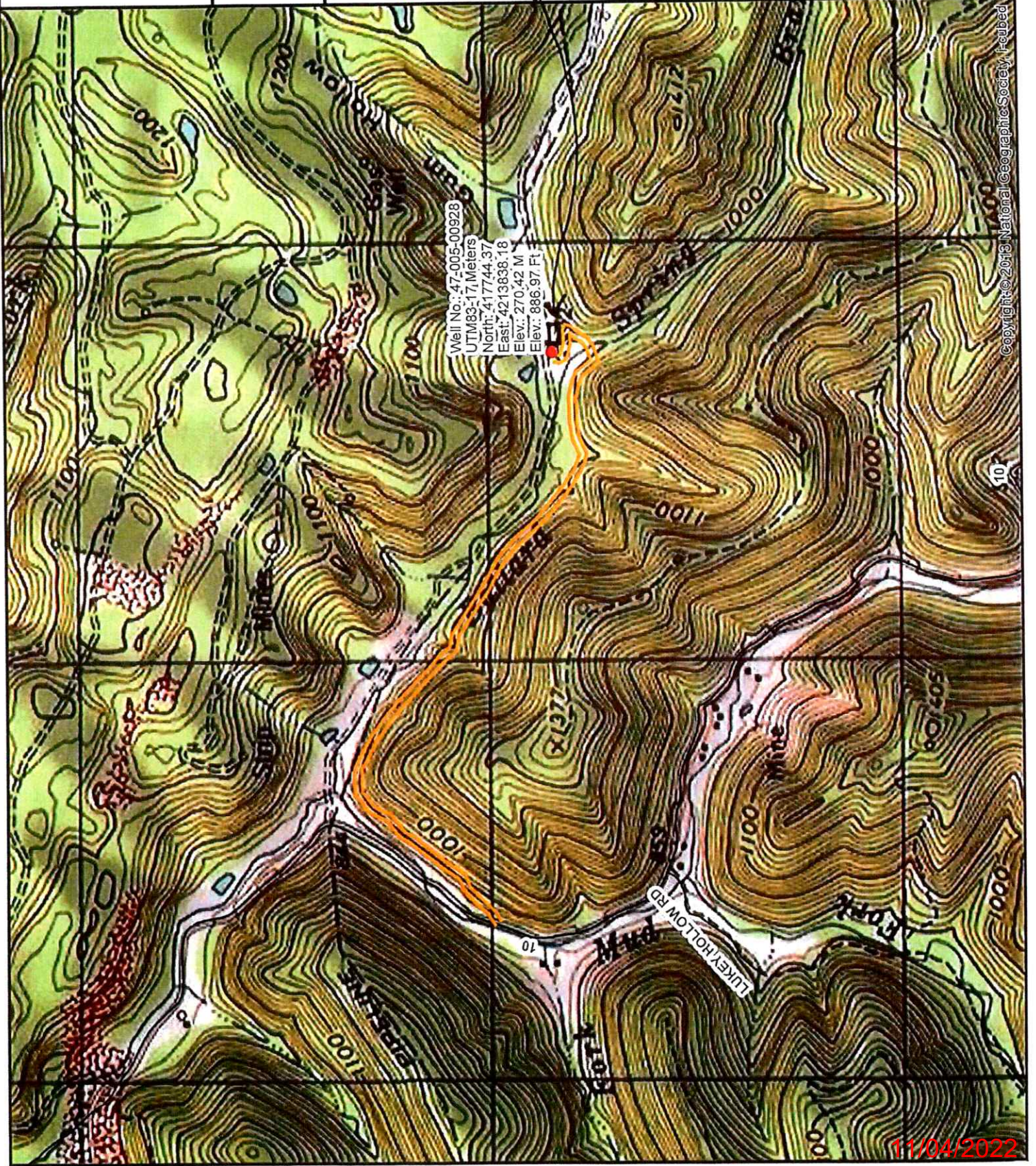
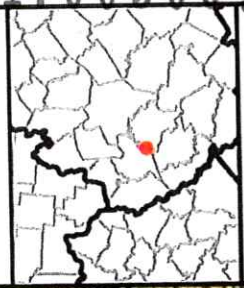
47-005-00928

Plugging Map

Legend

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

7 ft
10' W
20' L
8' D
285 bbl



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Office of Oil and Gas
OCT 03 2022
WV Department of
Environmental Protection

9/30/2022

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, DGOE will be utilizing Class L cement to plug the following well:

Little Coal Land B 02 47-005-00928

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

Sincerely,

Austin Sutler
Asset Retirement Manager



To Whom it May Concern,

Attached is an amendment that has been submitted to Chief of the office of oil and gas of the West Virginia Department of Environmental Protection. The subject well is listed within the letter to the Chief.

Thank You.

7022 2410 0001 3247 0144

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02 47-005-00928

Sent To ERP Environmental Fund Inc.
Attn: Barry Doss
Street 202 School Drive
City, St. Shrewsbury, WV 25015

PS Form 3800, October 2019 See reverse for instructions

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Adult Signature Restricted Delivery \$ _____

Postage \$ _____

Total Pk \$ _____

02 47-005-00928

Sent To Little Coal Land Company
C/O Gaddy Engineering
Street 303 Washington Street
City, St. Charleston, WV 25302

PS Form 3800, October 2019 See reverse for instructions

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west virginia department of environmental protection

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

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.

11/04/2022

4700500928 P

- 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.

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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.

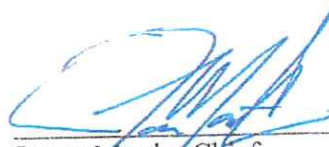
ORDER

It is ordered that the Class L cement product approved and monogramed 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

11/04/2022



Kennedy, James P <james.p.kennedy@wv.gov>

Plugging permits approved 4700500928 4700500637

1 message

Kennedy, James P <james.p.kennedy@wv.gov>

Tue, Nov 1, 2022 at 2:50 PM


To: Phyllis Copley <pcopley@dgoc.com>, Austin Sutler <asutler@dgoc.com>, Terry W Urban <terry.w.urban@wv.gov>, scook@wvassessor.com


To whom it may concern, plugging permits have been approved for 4700500928 4700500637.


James Kennedy
WVDEP OOG

4 attachments

 **4700500928.pdf**
3212K

 **4700500637.pdf**
3698K

 **IR-8 4700500928.pdf**
12K

 **IR-8 4700500637.pdf**
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