



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

Monday, January 8, 2024
WELL WORK PLUGGING PERMIT
Vertical Plugging

DIVERSIFIED PRODUCTION LLC
101 MCQUISTON DRIVE

JACKSON CENTER, PA 16133

Re: Permit approval for 2959
47-041-03839-00-00

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:
Farm Name: LYNCH, OREN GALE
U.S. WELL NUMBER: 47-041-03839-00-00
Vertical Plugging
Date Issued: 1/8/2024

Promoting a healthy environment.

01/12/2024

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 November 30, 2023
2) Operator's
Well No. Starcher WS 2
3) API Well No. 47-041 -03839

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 1148.5' Watershed Buckhannon Run
District Hackers Creek County Lewis Quadrangle Berlin 7.5'
- 6) Well Operator Diversified Production, LLC 7) Designated Agent Chris Veazey
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 Kenneth Greynolds Name Next LVL Energy (Diversified Owned)
Address 613 Broad Run Rd. Address 104 Helliport Loop Rd
Jane Lew, WV 26378 Bridgeport, WV 25330

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

See Attached

RECEIVED
Office of Oil and Gas
DEC 13 2023
WV Department of
Environmental Protection

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

Work order approved by inspector Kenneth Greynolds Date _____
Digitally signed by Kenneth Greynolds
DN: CN = Kenneth Greynolds email = Kenneth.L.Greynolds@wv.gov C = AD O = WVDEP OU = Oil and Gas
Date: 2023.12.13 09:04:35 -0500

01/12/2024

IV-35
(Rev 8-81)



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OCT 29 1987

State of West Virginia
Department of Mines
Oil and Gas Division

DIVISION OF OIL & GAS
DEPARTMENT OF ENERGY

Date October 19, 1987
Operator's
Well No. 2959
Farm Starcher
API No. 47 -041 - 3839

WELL OPERATOR'S REPORT
OF

DRILLING, FRACTURING AND/OR STIMULATING, OR PHYSICAL CHANGE

WELL TYPE: Oil / Gas / Liquid Injection / Waste Disposal
(If "Gas," Production / Underground Storage / Deep / Shallow)

LOCATION: Elevation: 1146 Watershed Buckhannon Run of Hackers Creek
District: H. Creek County Lewis Quadrangle Berlin

COMPANY CNG Development Company
ADDRESS P. O. Box 15746
Pittsburgh, PA 15244
DESIGNATED AGENT Gary A. Nicholas
ADDRESS Rt. 2, Box 698
Bridgman, WV 26130
SURFACE OWNER Oran Gale Lynch
ADDRESS Rt. 1, Box 136
Buckhannon, WV 26201
MINERAL RIGHTS OWNER W. S. Starcher
ADDRESS _____

OIL AND GAS INSPECTOR FOR THIS WORK
Stephen Casey ADDRESS Rt. 2, Box 232D
Jane, W. 26378

PERMIT ISSUED August 18, 1987
DRILLING COMMENCED Sept. 16, 1987
DRILLING COMPLETED Sept. 20, 1987

IF APPLICABLE: PLUGGING OF DRY HOLE ON
CONTINUOUS PROGRESSION FROM DRILLING OR
REWORKING. VERBAL PERMISSION OBTAINED
ON _____

Casing Tubing	Used in Drilling	Left in Well	Cement fill up Cu. ft.
Size 20-16 Cord.			
13-10"	256	256	To Surf.
9 5/8			
8 5/8	1009	1009	To Surf.
7			
5 1/2			
4 1/2	4530	4530	525 sks
3			
2-3/8	4346	4346	-----
Liners used			

GEOLOGICAL TARGET FORMATION Benson Depth 4540 feet
Depth of completed well 4573 feet Rotary / Cable Tools _____
Water strata depth: Fresh 80 feet; Salt 1180 feet
Coal seam depths: ----- Is coal being mined in the area? No

OPEN FLOW DATA
Producing formation Benson Pay zone depth 4357-4363 feet
Hayard 2459-2474 feet
Gas: Initial open flow _____ Mcf/d Oil: Initial open flow _____ Bbl/d
Final open flow 260 Mcf/d Final open flow _____ bbl/d
Time of open flow between initial and final tests _____ hours
Static rock pressure 450 psig (surface measurement) after 24 hours shut in
(If applicable due to multiple completion--)
Second producing formation _____ Pay zone depth _____ feet
Gas: Initial open flow _____ Mcf/d Oil: Initial open flow _____ Bbl/d
Final open flow _____ Mcf/d Oil: Final open flow _____ Bbl/d
Time of open flow between initial and final tests _____ hours
Static rock pressure _____ psig (surface measurement) after _____ hours shut in

(Continue on reverse side)

01/12/2024

DETAILS OF PERFORATED INTERVALS, FRACTURING OR STIMULATING, PHYSICAL CHANGE, ETC.

AlleghenyRan Corrlog & CDI, Perforated Benson 4357-4363, 21 holes, .39 HSC.
Halliburton Water Frac 30# Gel LGC-IV - Break 2075, Avg TPSI 2740, Avg Rate 31 BPH,
NHP used 2054, ISI 1530, 5 min 1450, used 500 gals 15% FE Acid, 5,000# 80/100 and
70,000# 20/40 sand.
Perforated Bayard 2459 - 2474, 21 holes, .39 HSC
Halliburton Water Frac 30# Gel LGC-IV - Break 1100, Avg TPSI 2530, Avg Rate 15 BPH,
NHP used 922, ISI 1500, 5 min 1430, used 750 gals 15% FE Acid for ballout with 40
perf. balls Sprg 1.3. No ballout @ 1525#, used 2500# 80/100 and 27,500# 20/40 Sand.

WELL LOG

FORMATION	COLOR	HARD OR SOFT	TOP FEET	BOTTOM FEET	REMARKS Including indication of all fress and salt water, coal, oil and gas
Clay			0	3	1/2" stream water @ 80'
Sand, Shale & RR			3	1520	1/4" stream water @ 340'
L. Lino			1520	1533	Damp at 1180'
Shale			1533	1565	
S. Lime & Injun			1565	1761	
Sand & Shale			1761	4573	
LOG TOPS					
L. Lino			1512	1547	
B. Lino/B. Inj.			1560	1758	
Derea/Gantz			1886	1988	
50'			1990	2040	
30'			2045	2094	
Gord. St./Gord.			2077	2270	
4th A			2289	2324	
5th			2358	2392	
L. 5th			2403	2426	
Bayard			2457	2430	
Elizabeth			2590	2646	
Warren			2717	2795	
Speechley			3066	3100	
Balltown			3204	3304	
Bradford			3600	3740	
Riley			4076	4258	
Benson			4350	4366	

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OCT 29 1987

DIVISION OF OIL & GAS
DEPARTMENT OF ENERGY

(Attach separate sheets as necessary)

CNG DEVELOPMENT COMPANY

Well Operator

By:

Date: October 19, 1987

Note: Regulation 2.02(i) provides as follows:
"The term 'log' or 'well log' shall mean a systematic
detailed geological record of all formations, including
min., encountered in the drilling of a well."

01/12/2024

PLUGGING PROGNOSIS

West Virginia, Lewis County
API # 47-041-03839

Casing Schedule

13-10" csg @ 256' (CTS per report)
8-5/8" csg @ 1009' (CTS per report)
4-1/2" csg @ 4530' (CTS w/ 525 sks cmt)
2-3/8" tbg @ 4346' (no packer info)

TD @ 4530'

Completion: 4357'-4363'; 2459'-2474'

Fresh Water: 80'; 340'
Saltwater: 1180'
Coal: None Listed
Oil Show: None Listed
Gas Show: None Listed
Elevation: 1146'

1. Notify inspector, Ken Greynolds @ (304) 206-6613, 48 hrs. prior to commencing operations.
2. Check wellhead pressure and tag TD w/ wireline.
3. Pull tbg and lay down
4. Run in to depth @ 4407'. Kill well as needed with 6% bentonite gel and fill rat hole. Pump at least 10 bbls gel. Pump 156' Class L cement plug from 4413' to 4257' (completion plug). Tag TOC. Top off as needed.
5. Pump 6% bentonite gel between all plugs.
6. Free point 4-1/2" csg. Cut and TOOH. Set 100' Class L cement plug across csg cut. 50' in/out of cut. TOOH w/ tbg to top of plug. Set 100' plug across casing shoe if all of 5-3/16" casing isn't completely removed. Do not omit any plugs listed below. Perforate as needed.
7. TOOH w/ tbg to 2474'. Pump 115' Class L Cement plug from 2474' to 2359' (completion plug).
8. TOOH w/ tbg to 1230'. Pump 271' Class L Cement plug from 1230' to 959' (Saltwater, elevation, 8-5/8" csg shoe plug)
9. TOOH w/ tbg to 390'. Pump 390' Class L cement plug from 390' to Surface. (Freshwater, surface csg shoe, and Surface plug).
10. Reclaim location and well road to WV DEP specifications and erect P&A well monument.

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DEC 13 2023
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Environmental Protection

Kenneth Greynolds
Digitally signed by Kenneth Greynolds
DN: CN = Kenneth Greynolds email = Kenneth.L.
Greynolds@wv.gov C = AD O = WVDEP OU = Oil and Gas
Date: 2023.12.13 09:06:56 -0500

01/12/2024

WW-4A
Revised 6-07

1) Date: 11/30/2023
2) Operator's Well Number Starcher WS 2

3) API Well No.: 47 - 041 - 03839

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>Oren Gale Lynch</u>	Name _____
Address <u>429 Buckhannon Run Rd.</u>	Address _____
<u>Buckhannon, WV 26201</u>	
(b) Name _____	(b) Coal Owner(s) with Declaration
Address _____	Name <u>Oren Gale Lynch</u>
	Address <u>429 Buckhannon Run Rd.</u>
	<u>Buckhannon, WV 26201</u>
(c) Name _____	Name _____
Address _____	Address _____
6) Inspector <u>Kenneth Greynolds</u>	(c) Coal Lessee with Declaration
Address <u>613 Broad Run Rd.</u>	Name _____
<u>Jane Lew, WV 26378</u>	Address _____
Telephone <u>(681) 990-6948</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 reverse 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: Permitting Supervisor
 Address: 414 Summers Street
Charleston, WV 25301
 Telephone: 304-590-7707

Subscribed and sworn before me this 30th day of November, 2023
 My Commission Expires 58 November 28, 2024



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.

01/12/2024

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

USPS CERTIFIED MAIL™



9407 1361 0544 2762 1731 10



OREN GALE LYNCH
429 BUCKHANNON RUN RD
BUCKHANNON WV 26201-8162

US POSTAGE AND FEES PAID
2023-11-30
25301
C4000004
Retail
4.0 OZ FLAT



09031000008715

NOV 30 2023

WW-9
(5/16)

API Number 47 - 041 - 03839
Operator's Well No. Slarchoer WS 2

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) Buckhannon Run Quadrangle Berlin 7.5'

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 [Signature] DEC 13 2023

Company Official (Typed Name) Chris Veazey

Company Official Title Manager Plugging Operations

Office of Oil and Gas
WV Department of Environmental Protection

Subscribed and sworn before me this 30th day of November, 2023

My commission expires September 28, 2028

Notary Public



01/12/2024

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

Line 3 Tons/acre or to correct to pH 6.5

Fertilizer type 10-20-20 or Equivalent

Fertilizer amount TBD 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: Kenneth Greynolds
Digitally signed by Kenneth Greynolds
DN: cn = Kenneth Greynolds, email = Kenneth.L.Greynolds@wv.gov, c = AD, o = WVDEP, ou = Oil and Gas
Date: 2023.12.13 09:05:30 -0500

Comments: _____

Title: _____ Date: _____

Field Reviewed? () Yes

() No

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Office of Oil and Gas

DEC 13 2023

WV Department of
Environmental Protection



DIVERSIFIED
energy

Date: 11/30/2023

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

API Number 4704103839 Well Name Starcher WS 2

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

Sincerely,

Chris Veazey
Permitting Supervisor
304-590-7707

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Office of Oil and Gas
DEC 13 2023
WV Department of
Environmental Protection



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.

Office of Oil and Gas
2022-13
WV Department of Environmental Protection

Promoting a healthy environment.

01/12/2024

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.

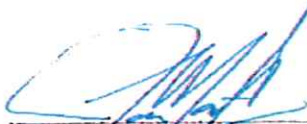
ORDER

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

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




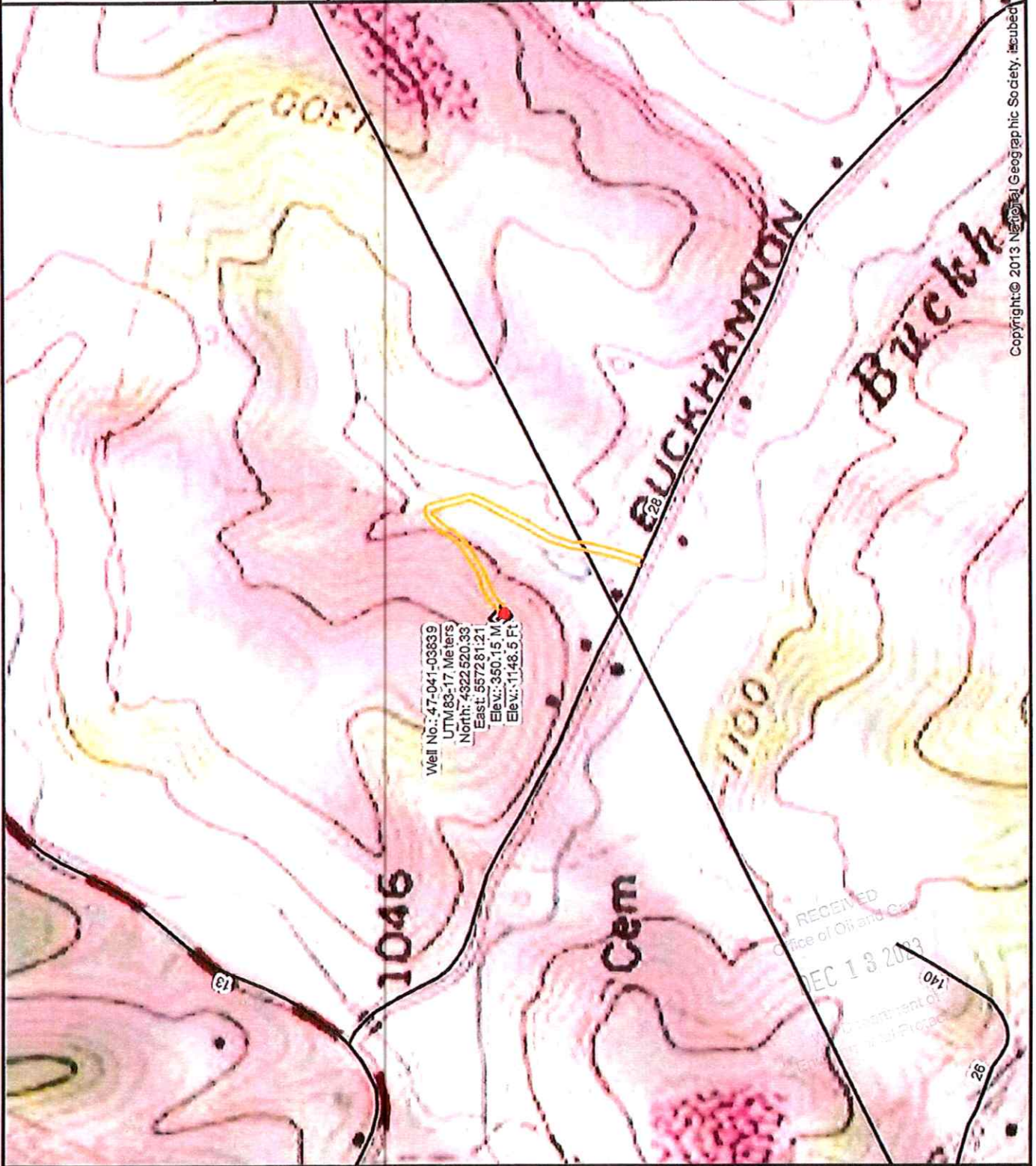
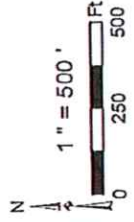
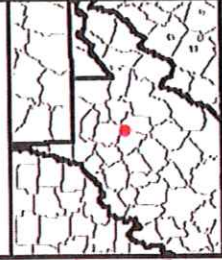
Diversified Gas & Oil Corporation
100 Diversified Way
Pikeville KY, 41051

47-041-03839

Plugging Map

Legend

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



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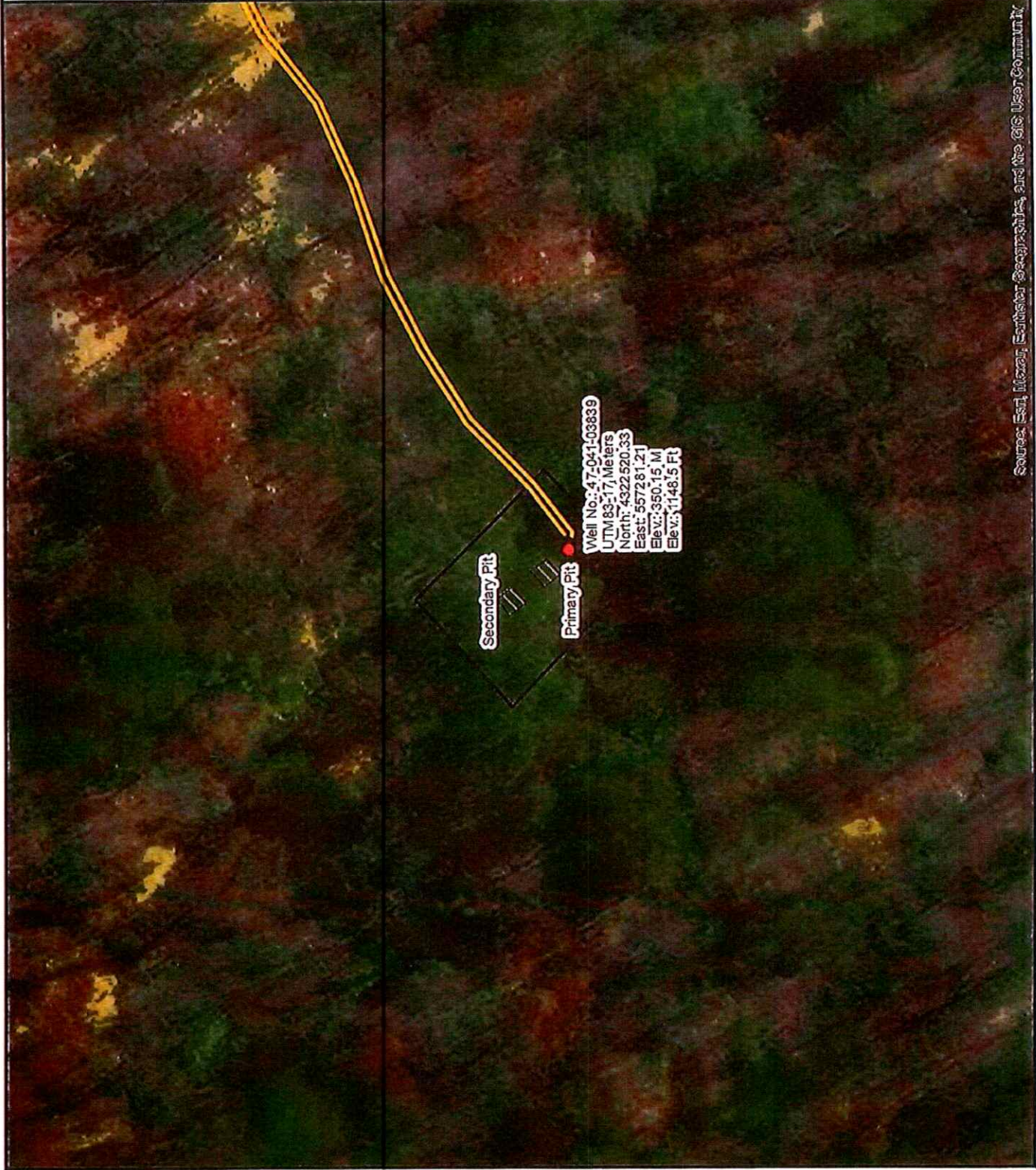
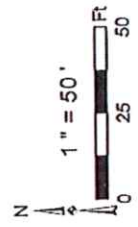
Diversified Gas & Oil Corporation
100 Diversified Way
Pikeville KY, 40351

47-041-03839

Plugging Map

Legend

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



Source: Esri, DigitalGlobe, GeoEye, IGN, Aeriac, AeroGRID, IGN, Esri, User Contributed Data, Bing, Google, Swire

WW-7
8-30-06



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

API: 4704103839 WELL NO.: Starcher WS 2

FARM NAME: Lynch, Oren Gale

RESPONSIBLE PARTY NAME: Diversified Production, LLC

COUNTY: Lewis DISTRICT: Hackers Creek

QUADRANGLE: Berlin 7.5'

SURFACE OWNER: Oren Gale Lynch

ROYALTY OWNER: Oren G. Lynch & Jetta K. Lynch

UTM GPS NORTHING: 4322520.33

UTM GPS EASTING: 557281.21 GPS ELEVATION: 1148.5'

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 X: Post Processed Differential X
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.

Chris Veazey
Signature

Chris Veazey - Permitting Supervisor
Title

11/30/23
Date

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Office of Oil and Gas
DEC 13 2023
WV Department of Environmental Protection

01/12/2024

FORM WW-2 (B) FILE COPY
(Obverse) 7/85

RECEIVED
JUL 30 1987



1) Date: July 22, 1987
2) Operator's Well No. CNGD 2959
3) API Well No. 47-041-3839
State County Permit

STATE OF WEST VIRGINIA
DIVISION OF OIL & GAS DEPARTMENT OF ENERGY, OIL AND GAS DIVISION
DEPARTMENT OF ENERGY APPLICATION FOR A WELL WORK PERMIT

- 4) WELL TYPE: A Oil Gas
B (If "Gas", Production Underground storage Deep Shallow)
- 5) LOCATION: Elevation: 1146 Watershed: Buckhannon Run of Hackers Creek
District: Hackers Creek County: Lewis Quadrangle: Berlin 245
- 6) WELL OPERATOR: CNG Development Co. CODE: 10110 7) DESIGNATED AGENT Gary Nicholas
Address c/o Cheryl S. Hartle P.O. Box 15746 Address Crosswind Corporate Park
Pittsburgh, PA 15244 Rt. 2, Box 698, Bridgeport, WV 26330
- 8) OIL & GAS INSPECTOR TO BE NOTIFIED Name Stephen Casey 9) DRILLING CONTRACTOR: Name Sam Jack Drilling Co.
Address Rt. 2, Box 232D Address P.O. Box 48
Jane Lew, WV 26378 Buckhannon, WV 26201
- 10) PROPOSED WELL WORK: Drill Drill deeper Redrill Stimulate
Plug off old formation Perforate new formation
Other physical change-in well (specify) _____
- 11) GEOLOGICAL TARGET FORMATION, Benson
- 12) Estimated depth of completed well, 4540 feet
- 13) Approximate strata depths: Fresh, 165, 410 feet; salt, - feet.
- 14) Approximate coal seam depths: 45 Is coal being mined in the area? Yes No

15) CASING AND TUBING PROGRAM

CASING OR TUBING TYPE	SPECIFICATIONS					FOOTAGE INTERVALS		CEMENT FILLUP OR SACKS (Cubic feet)	PACKERS
	Size	Grade	Weight per ft.	Run	Used	For drilling	Left in well		
Conductor									Kind
Fresh water	11-3/4	H-40	42	X		40	40	To surface	By rule 15.05
Coal									Size
Intermediate	8-5/8	X-42	23	X		1000	1000	To surface	By rule 15.05
Production	4-1/2	J-55	10.5	X		4540	4540	200 - 400	Depth set
Tubing	1-1/2	CN-55	2.75	X					By rule 15.01
Lines									Perforations:
									Top Bottom

OFFICE USE ONLY
DRILLING PERMIT

Permit number 47-041-3839 August 18 19 87
Date

This permit covering the well operator and well location shown below is evidence of permission, granted to drill in accordance with the pertinent legal requirements subject to the conditions contained herein and on the reverse hereof. Notification must be given to the District Oil and Gas Inspector. (Refer to No. 8) Prior to the construction of roads, locations and pits for any permitted work. In addition, the well operator or his contractor shall notify the proper district oil and gas inspector 24 hours before actual permitted work has commenced.)

The permitted work is as described in the Notice and Application, plat, and reclamation plan, subject to any modifications and conditions specified on the reverse hereof.

Permit expires August 18, 1989 unless well work is commenced prior to that date and prosecuted with due diligence.

Bond: <input checked="" type="checkbox"/>	Agent: <u>ASB</u>	Plat: <u>ASB</u>	Casing: <u>ASB</u>	Fee: <u>19664</u>	WVCP: <u>ASB</u>	SAE: <u>ASB</u>	Other: <u>223</u>
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NOTE: Keep one copy of this permit posted at the drilling location.
Director, Division of Oil and Gas

See the reverse side of the APPLICANT'S COPY for instructions to the well operator.

RECEIVED

JUL 30 1967

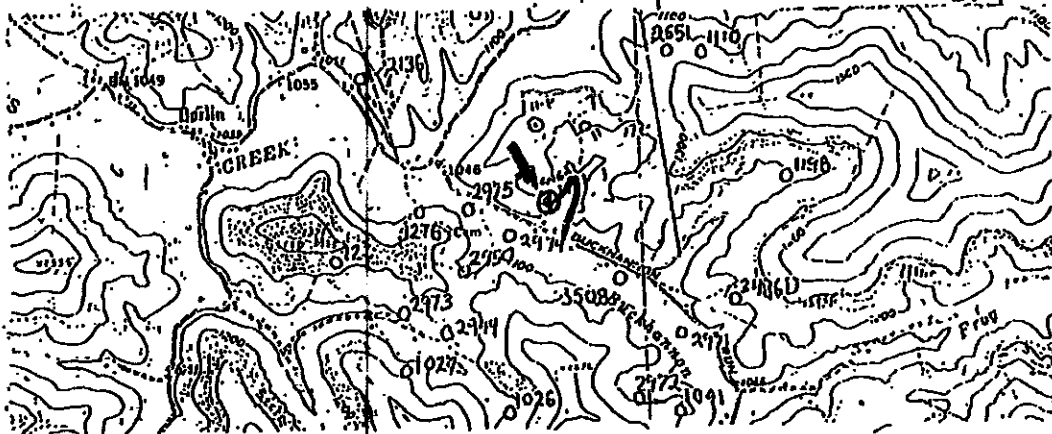
TEACH OR PHOTOCOPY SECTION OF INVOLVED TOPOGRAPHIC MAP. UNORANGE Berlin 7.5 min.

DIVISION OF OIL & GAS DEPARTMENT OF ENERGY

LEGEND

Well Site ⊕

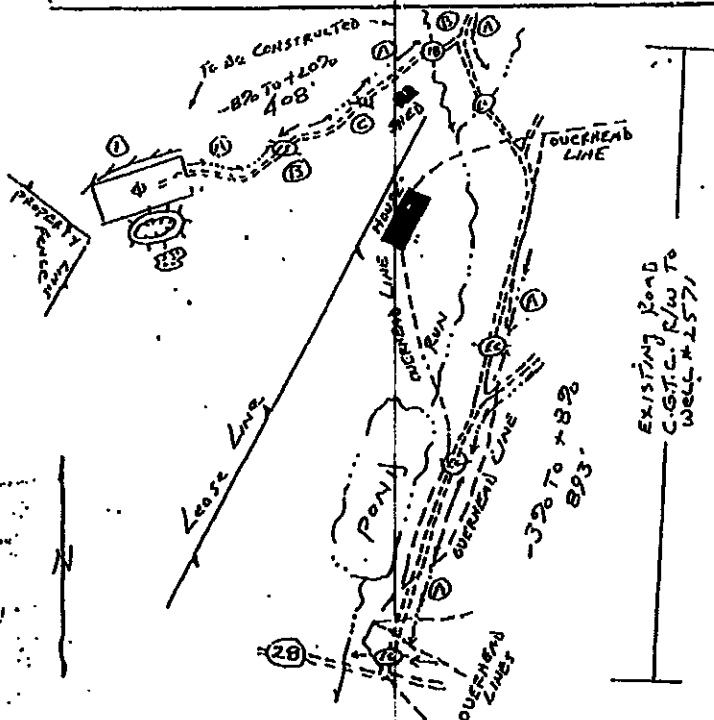
Access Road ———



Sketch to include well location, existing access road, roads to be constructed, well site, filling pits and necessary structures numbered or lettered to correspond with the first part of this plan. Include all natural drainage.

LEGEND

Property boundary ———	Diversion ———
Road ———	Spring ○→
Existing fence — X — X —	Wet spot Ⓢ
Planned fence — / — / —	Building []
Stream ———	Drain pipe —○→○→
Open ditch ———	Waterway ≡≡≡



Location is on a wooded flat on a hillside. Usable timber will be cut and stacked. Topsoil will be stockpiled for use in revegetation. Location of pit may vary if construction difficulties warrant.

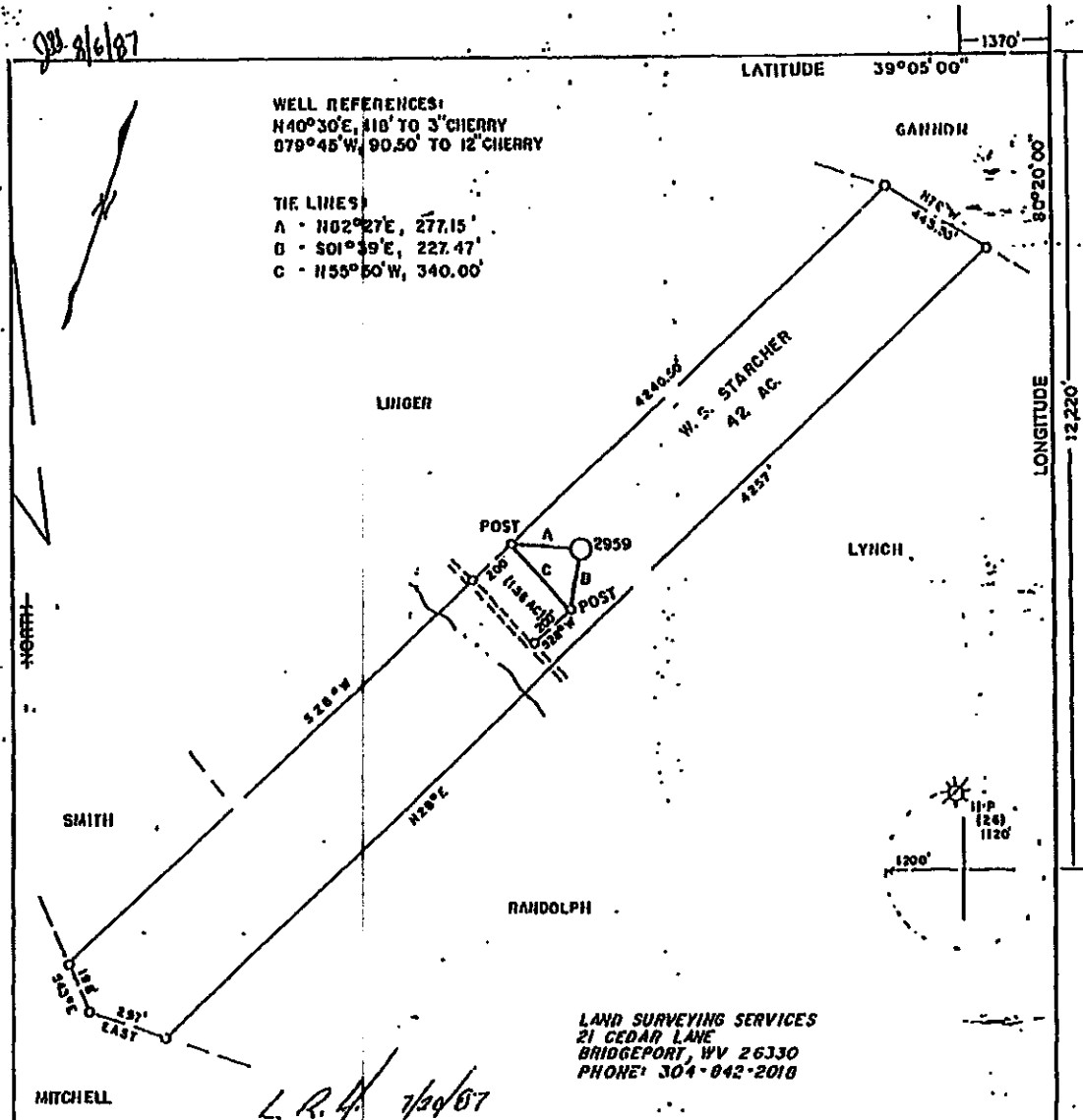
Access road utilizes an existing road from Co. Rt. 28 to a point where a new road will be cut up and around the hill to the location site. Rock will be used on road where necessary.

Pit should be lined to avoid accidental leakage into the pond.

E.C. is existing culvert.

This is a dry weather location.

9/16/87



WELL REFERENCES:
 N40°30'E, 118' TO 3' CHERRY
 079°45'W, 90.50' TO 12' CHERRY

TIE LINES:
 A - N02°27'E, 277.15'
 B - S01°39'E, 227.47'
 C - N55°50'W, 340.00'

LAND SURVEYING SERVICES
 21 CEDAR LANE
 BRIDGEPORT, WV 26330
 PHONE: 304-842-2018

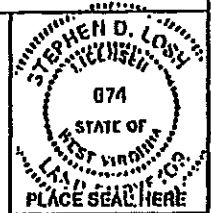
MITCHELL

L.R. 7/30/87

(+) DENOTES LOCATION OF WELL ON UNITED STATES TOPOGRAPHIC MAPS

FILE NO. _____
 DRAWING NO. _____
 SCALE 1" = 300'
 MINIMUM DEGREE OF ACCURACY 1 in 200
 PROVEN SOURCE OF ELEVATION EXIST. WELL 47-041-3507
 ELEV. - 1052'

I THE UNDERSIGNED, HEREBY CERTIFY THAT THIS PLAT 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 DEPARTMENT OF ENERGY.
 (SIGNED) *Stephen D. Losh*
 R.P.E. _____ L.L.S. 674
 STEPHEN D. LOSH



STATE OF WEST VIRGINIA DEPARTMENT OF ENERGY OIL AND GAS DIVISION		DATE <u>JUNE 22</u> , 19 <u>87</u> OPERATOR'S WELL NO. <u>2959</u> API WELL NO. _____ <u>47 - 041 - 3839</u> STATE COUNTY PERMIT	
WELL TYPE: OIL <input type="checkbox"/> GAS <input checked="" type="checkbox"/> LIQUID INJECTION <input type="checkbox"/> WASTE DISPOSAL <input type="checkbox"/> (IF "GAS,") PRODUCTION <input checked="" type="checkbox"/> STORAGE <input type="checkbox"/> DEEP <input type="checkbox"/> SHALLOW <input checked="" type="checkbox"/>		LOCATION: ELEVATION <u>1146'</u> WATERSHED <u>BUCKHANNON RUN OF HACKERS CREEK</u> DISTRICT <u>HACKERS CREEK</u> COUNTY <u>LEWIS</u> QUADRANGLE <u>BEPL'N 7.5 min.</u> NEAREST TOWN: <u>BERLIN</u>	
SURFACE OWNER <u>OREN GALE LYNCH</u> ACREAGE <u>16.58</u> OIL & GAS ROYALTY OWNER <u>W.S. STARCHER</u> LEASE ACREAGE <u>42</u> LEASE NO. <u>TC - 3723</u>		COUNTY NAME <u>LEWIS</u> PERMIT _____	
PROPOSED WORK: DRILL <input checked="" type="checkbox"/> CONVERT <input type="checkbox"/> DRILL DEEPER <input type="checkbox"/> REDRILL <input type="checkbox"/> FRACTURE OR STIMULATE <input type="checkbox"/> PLUS OFF OLD FORMATION <input type="checkbox"/> PERFORATE NEW FORMATION <input type="checkbox"/> OTHER PHYSICAL CHANGE IN WELL (SPECIFY) _____			
: LUG AND ABANDON <input type="checkbox"/> CLEAN OUT AND REPLUG <input type="checkbox"/> TARGET FORMATION <u>DENSON</u> ESTIMATED <u>PTH 4540'</u>			
WELL OPERATOR <u>CNO DEVELOPMENT COMPANY</u> DESIGNATED AGENT <u>GARY A. NICHOLAS</u> ADDRESS <u>ONE PARK RIDGE CENTER</u> ADDRESS <u>RT. 2, BOX 698</u> <u>PITTSBURGH, PA. 15244</u> <u>BRIDGEPORT, WV 26330</u>			

01/12/2024

041-3839

DEC 18 2021

01/12/2024

SURFACE OWNER WAIVER

Operator's Well
Number

Starcher WS 2

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,

Signature

Date

Name
By
Its

Date

Signature

Date

01/12/2024

WW-4B

API No. 4704103839
 Farm Name Lynch, Oren Gale
 Well No. Starcher WS 2

**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 _____

RECEIVED
Office of Oil and Gas
DEC 13 2023
WV Department of
Environmental Protection

01/12/2024

11/10/2016

PLUGGING PERMIT CHECKLIST

4704103839

RECEIVED
Office of Environmental Protection
DEC 13 2023
WV Department of
Environmental Protection

Plugging Permit

- WW-4B
- WW-4B signed by inspector
- WW-4A
- SURFACE OWNER WAIVER or PROOF THAT APPLICATION WAS SENT BY REGISTERED OR CERTIFIED MAIL
- COAL OWNER/COAL OPERATOR/COAL LESSEE WAIVERS or PROOF THAT APPLICATION WAS SENT BY REGISTERED OR CERTIFIED MAIL
- WW-9 PAGE 1 (NOTARIZED)
- WW-9 PAGE 2 with attached drawing of road, location, pit and proposed area for land application
- WW-9 GPP PAGE 1 and 2 if well effluent will be land applied
- RECENT MYLAR PLAT OR WW-7
- WELL RECORDS/COMPLETION REPORT
- TOPOGRAPHIC MAP OF WELL, SHOWING PIT IF PIT IS USED
- MUST HAVE VALID BOND IN OPERATOR'S NAME
- CHECK FOR \$100 IF PIT IS USED

01/12/2024



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

plugging permits have been issued for 4704101551 04105347 04102281 04103839 04100792

1 message

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

Mon, Jan 8, 2024 at 2:03 PM






To: Chris Veazey <CVeazey@dgoc.com>, Kenneth L Greynolds <kenneth.l.greynolds@wv.gov>, Austin Sutler <asutler@nextlvlenergy.com>, Phyllis Copley <pcopley@dgoc.com>, jbreen@assessor.state.wv.us

To whom it may concern, plugging permits have been issued for 4704101551 04105347 04102281 04103839 04100792.

James Kennedy

WVDEP OOG

5 attachments

-  **4704101551.pdf**
2323K
-  **4704105347.pdf**
2763K
-  **4704103839.pdf**
3232K
-  **4704102281.pdf**
3290K
-  **4704100792.pdf**
3992K

01/12/2024