



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, August 26, 2021
WELL WORK PLUGGING PERMIT
Vertical Plugging

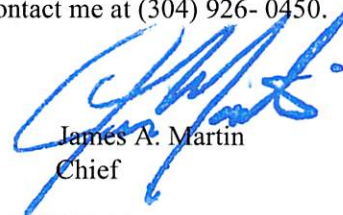
DIVERSIFIED PRODUCTION LLC
101 MCQUISTON DRIVE
JACKSON CENTER, PA 16133

Re: Permit approval for LOUP CREEK 19
47-109-01433-00-00

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: LOUP CREEK 19
Farm Name: POCAHONTAS LAND CORP.
U.S. WELL NUMBER: 47-109-01433-00-00
Vertical Plugging
Date Issued: 8/26/2021

Promoting a healthy environment.

08/27/2021

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47-109-01433 P

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

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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.

08/27/2021

WW-4B
Rev. 2/01

- 1) Date February 4, 2021
- 2) Operator's Well No. UIC Loup Creek 19
- 3) API Well No. 47-109-01433

**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 2185' Watershed _____
District Oceana County Wyoming Quadrangle Pilot Knob
- 6) Well Operator Diversified Production, LLC 7) Designated Agent Jeff Mast
Address P.O. Box 6070 Address _____
Charleston, WV 25362 304-543-6988
- 8) Oil and Gas Inspector to be notified Name Gary Kennedy 9) Plugging Contractor Name To be determined
Address 66 Old Church Lane Address _____
Pipestem, WV 25979

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

THIS IS A NON-OPERATIONAL UIC WELL THAT IS TO BE PLUGGED

UIC PERMIT # 20 109 01433002

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

Work order approved by inspector JNO M FOR GARY KENNEDY Date JULY 17, 2021

08/27/2021

PLUGGING PROGNOSIS

UIC Loup Creek 19

API #47-109-01433

37.7774092199256, -81.5109812385328

Nearest ER: Raleigh General Hospital: 1710 Harper Road. Beckley, WV 25801

Casing Schedule

16" csg @ 30'

11 3/4" csg @ 298' CTS

8 5/8" csg @ 1553' CTS

4 1/2" csg @ 4186' TOC 2728' CBL

2 3/8" tbg @ 3500' 2x4 packer 3492'

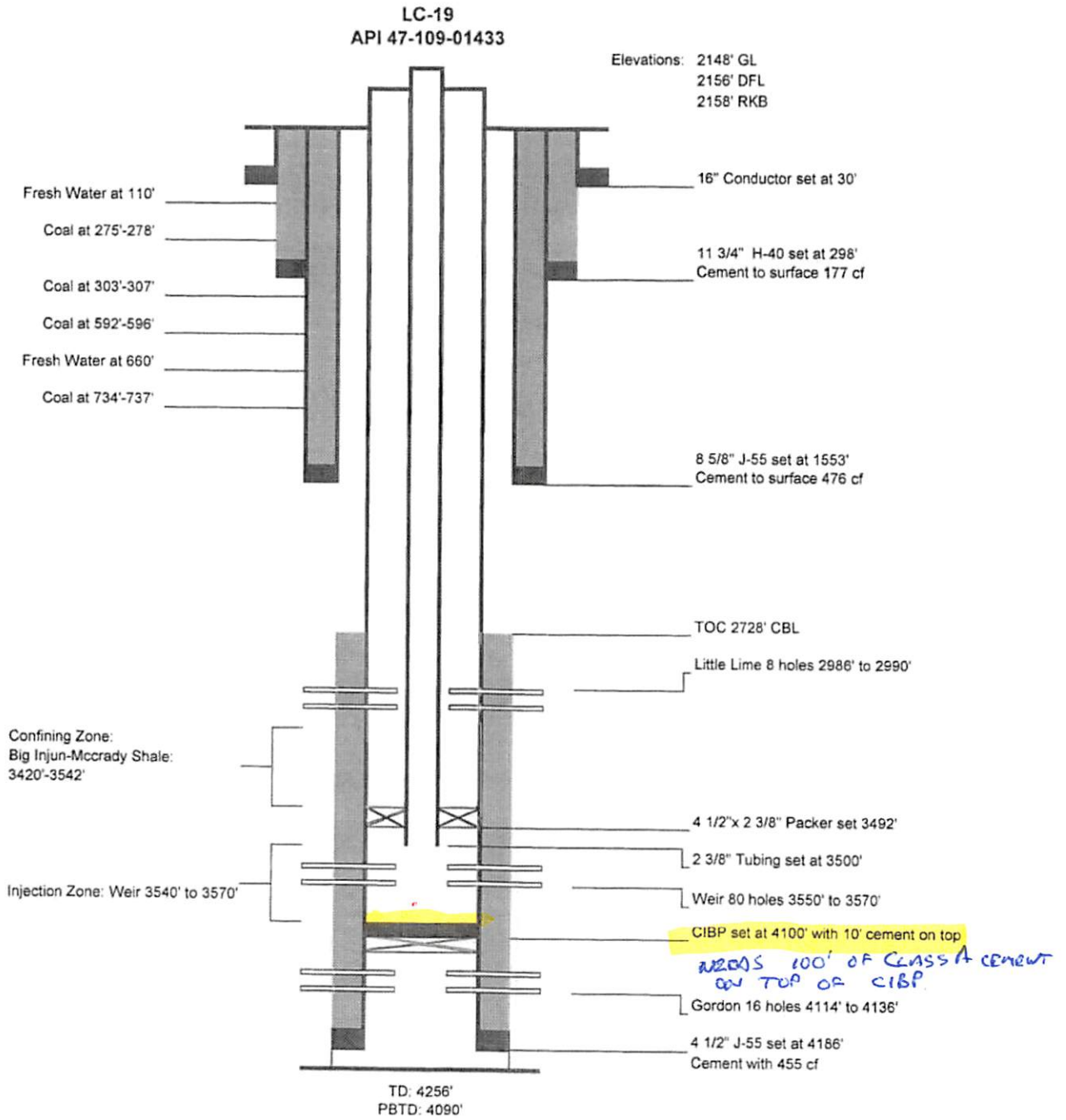
TD 4256' CIBP @ 4100' with 10' cement on top

Completion:

- Little Lime: 2986' - 2990'
- Gordon: 4114' - 4136'
- Disposal Zone Weir: 3,540' - 3,570

Fresh Water: 110', 660'**Salt Water:** None Recorded**Gas Shows:** Little Lime 2986'-2990', Weir 3540'-3580', Gordon 4114'-4136'**Oil Show:** None Recorded**Coal:** 275', 303', 592', 734'**Elevation:** 2148'

1. Notify Inspector Gary Kennedy @ 304-382-8402, 48 hours prior to commencing operations.
2. Check and record pressures on csg and tbg.
3. Release Packer. TOOH LD and inspect tbg.
4. Load well with 6% gel as needed to establish static conditions
5. Check TD w/ wireline.
6. TIH w/ tbg to 3910'. Pump 470' C1A cement plug from 3910'- 3440' (Top off previous CIBP and Weir Injection Zone). Tag TOC top off as needed
7. TOOH w/ tbg to 3440'. Pump 6% bentonite gel from 3440'-3040'.
8. TOOH w/ tbg to 3040'. Pump 154' C1A cement plug from 3040'-2886' (Lime gas show).
9. TOOH w/ tbg to 2886'. Pump 6% bentonite gel from 2886'-2148'. TOOH LD tbg.
10. Bond Log. Free point 4 1/2" csg. Cut and TOOH. Set 100' C1A cement plug across csg cut. 50' in/out of cut. Do not omit any plugs listed below. Perforate as needed.
11. TIH w/ tbg to 2148'. Pump 100' C1A cement plug from 2148'-2048' (Elevation).
12. TOOH w/ tbg to 2048'. Pump 6% bentonite gel from 2048'-1603'.
13. TOOH w/ tbg to 1603'. Pump 100' C1A cement plug from 1603'-1503' (8 5/8" csg st).
14. TOOH w/ tbg to 1503'. Pump 6% bentonite gel from 1503'-784'.
15. TOOH w/ tbg to 784'. Pump 242' C1A cement plug from 784'-542' (Coal & Fresh water).
16. TOOH w/ tbg to 542'. Pump 6% bentonite gel from 542'-353'.
17. TOOH w/ tbg to 353'. Pump 128' C1A cement plug from 353'-225' (Coal).
18. TOOH w/ tbg to 225'. Pump 6% bentonite gel from 225'-160'.
19. TOOH w/ tbg to 160'. Pump 160' C1A cement plug from 160'-0' (Fresh Water and Surface). TOOH LD tbg.
20. Erect monument with API#, date plugged, and company name.
21. Reclaim location and road to WV-DEP specifications.



WR-37
REV. 5/01

Date: 02/13/2013
 Operator's Well Number LC-19
 State County Permit
 API Well No.: 47- 109 - 01433

**STATE OF WEST VIRGINIA
 DEPARTMENT OF ENVIRONMENT-OFFICE OF OIL AND GAS
 PRE-OPERATION CERTIFICATE
 FOR LIQUID INJECTION OR WASTE DISPOSAL WELL**

WELL OPERATOR Enervest Operating **DESIGNATED AGENT** Chris Veazey
 Address 300 Capitol St, Suite 200 Address 300 Capitol St, Suite 200
Charleston, WV, 25301 Charleston, WV, 25301

GEOLOGICAL TARGET FORMATION Wier Depth 3540 feet(top) to 3578 feet(bottom)
 Virgin reservoir pressure in target formation 700 psig
 Source of information on virgin reservoir pressure: Data from wells in field
 Perforation intervals 3540' to 3570' Open-hole intervals NA

MAXIMUM PERMITTED INJECTION OPERATIONS
 Well head injection pressure: 479 psig Bottom hole pressure: 2200 psig
 Volume per hour: 50 BBL

DETAILED IDENTIFICATION OF MATERIALS TO BE INJECTED
 Liquids to be injected for oil recovery: None
 Wastes to be disposed of: Gas Field Brine
 Additives (Slurry mediums, inhibitors, solvents, oxidizers, deoxidizers, etc.) No additives anticipated

SPECIFICATIONS FOR CATHODIC PROTECTION AND OTHER CORROSION CONTROL
None

ADDITIONAL DRILLING AS PART OF THE CONVERSION (Complete form WR-35)

DETAILS ON NEW CASING AND TUBING PROGRAM AS PART OF THE CONVERSION (To be completed below unless the new casing and tubing program is described on a form WR-35, submitted in connection with the permit to which this form WR-37 relates.)

CASING OR TUBING TYPE	SIZE	GRADE	WEIGHT PER FT.	NEW	USED	FOOTAGE USED IN DRILLING	FOOTAGE LEFT IN WELL	CEMENT USED	PACKERS (KIND, SIZE, DEPTH SET)
CONDUCTOR	16			x		30	30		
FRESH WATER	11 3/4	H-40	42	x		298	298	177	Kind: Tension
COAL	8 5/8	J-55	24	x		1553	1553	476	Size 4 1/2" x 2 3/8"
INTERMEDIATE									Depth 3492'
PRODUCTION	4 1/2	J-55	10.5	x			4186	455	
TUBING	2 3/8	J-55	4.7	x					
LINERS									

WR37

MECHANICAL INTEGRITY TEST

Test Method: Annulus pressure testing using Envirocheck of Virginia

Monitored annulus pressure for 28 minutes. Performed on 01/30/2013

The undersigned certifies that the test was performed on January 30, 2013, 2013 and demonstrated mechanical integrity of the well. The test was witnessed by _____ representing the Office of Oil and Gas.

Christopher S. Veazey
Well Operator

02/13/2013
Date

THIS WELL IS AUTHORIZED FOR INJECTION.

Signed *James Peterson* UTC PROGRAM DIRECTOR

Date 2/20/13

[NOTE: That the mechanical integrity of this well must be demonstrated again within ninety (90) days of five years from this date in order for injection to continue. Please notify the state inspector 24 hours in advance of the test].

ENEALVEST OPERATING, LLC
Well Operator
By: *CHRISTOPHER S. VEAZEY*
Its *ASS. MANAGER*

APPENDIX A

Injection Well Form

1) GEOLOGIC TARGET FORMATION <u>Weir</u>		
Depth <u>3540</u>	Feet (top) <u>3570</u>	Feet (bottom)
2) Estimated Depth of Completed Well, (or actual depth of existing well):		<u>4256</u> Feet
3) Approximate water strata depths: Fresh <u>110', 660</u> Feet		Salt <u>None</u> Feet
4) Approximate coal seam depths: <u>275-278', 303-307', 592-596', 734-737'</u>		
5) Is coal being mined in the area? Yes <input type="checkbox"/> No <input checked="" type="checkbox"/>		
6) Virgin reservoir pressure in target formation <u>700</u> psig		Source <u>Data from wells in field</u>
7) Estimated reservoir fracture pressure <u>2407</u>		psig (BHFP)
8) MAXIMUM PROPOSED INJECTION OPERATIONS:		
Injection rate (bbl/hour)	<u>Dependent - max 50 bbl per hour</u>	
Injection volume (bbl/day)	<u>400</u>	
Injection pressure (psig)	<u>479</u>	
Bottom hole pressure (psig)	<u>2300</u>	
9) DETAILED IDENTIFICATION OF MATERIALS TO BE INJECTED, INCLUDING ADDITIVES:		
<u>Class II fluids - see lab sheets attached. No additives anticipated.</u>		
Temperature of injected fluid: (°F)		<u>Varies with season</u>
10) FILTERS (IF ANY)		
<u>Single and dual bag filters, two stage system, before and after tank settling.</u>		
11) SPECIFICATIONS FOR CATHODIC PROTECTION AND OTHER CORROSION CONTROL		
<u>None, all piping is aboveground except for road crossing (in casing) and at unloading bays for approximately 48 feet. However, piping was coated with Roscoate prior to burial.</u>		

(4/25)

APPENDIX A (cont.)**12. Casing and Tubing Program**

TYPE	Size	New or Used	Grade	Weight per ft. (lb/ft)	FOOTAGE: For Drilling	INTERVALS: Left in Well	CEMENT: Fill-up (Cu. Ft.)
Conductor	16	New			30	30	
Fresh Water	11 3/4	New	H-40		298	298	177
Coal	8 5/8	New	J-55		1553	1553	476
Intermediate 1							
Intermediate 2							
Production	4 1/2	New	J-55			4186	455
Tubing	2 3/8	New	J-55			3500	
Liners							

TYPE	Wellbore Diameter	Casing Size	Wall Thickness	Burst Pressure	Cement Type	Cement Yield (cu. ft./sk)	Cement to Surface ? (Y or N)
Conductor							
Fresh Water							
Coal							
Intermediate 1							
Intermediate 2							
Production							
Tubing							
Liners							

PACKERS	Packer #1	Packer #2	Packer #3	Packer #4
Kind:	Production			
Sizes:	4 1/2 to 2 3/8			
Depths Set:	3492			

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Office of Oil and Gas
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Environmental Protection

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WV Department of
Environmental Protection
SEP 11 1994

WR-35

Permitting
Office of Oil & Gas

API # 47-109-01433

State of West Virginia
Division of Environmental Protection
Section of Oil and Gas

Well Operator's Report of Well Work

Farm Name: POCAHONTAS LAND CORP. Operator Well No. LOUP CREEK # 19
LOCATION: Elevation: 2,148.00 Quadrangle: PILOT KNOB
District: Oceana County: Wyoming
Latitude: 5270 Feet South of 37 Deg. 47 Min. 30 Sec.
Longitude 3260 Feet West of 81 Deg. 30 Min. 0 Sec.

Company: UMC PETROLEUM CORPORATION
P.O. DRAWER 1738
CLARKSBURG, WV 26301-1738

Casing & Tubing Size	Used in Drilling	Left in Well	Cement Fill up Cu. Ft.
16"	30'	30'	
11 3/4"	298'	298'	177
8 5/8"	1553'	1553'	476
4 1/2"		4186'	455

Agent: GREGORY A. SHOCKLEY

Inspector: OFIE A. HELMICK
Permit Issued: 06/01/94
Well work Commenced: 08/05/94
Well Work Completed: 08/13/94
Verbal Plugging

Permission granted on:
Rotary X Cable _____ Rig
Total Depth (feet) 4256'
Fresh Water depths (ft) 100', 660'
Salt water depths (ft) None
Is coal being mined in area (Y/N)? N
Coal Depths (ft): 275'-278', 303'-307', 592'-596', 734-737'

OPEN FLOW DATA

Producing formations Little Lime } * 2986' - 2990'
Gordon } Pay zone depth (ft) 4114' - 4136'
Gas: Initial open flow _____ MCF/d Oil: Initial open Flow _____ Bbl/d
Final open flow * 420 MCF/d Final open flow _____ Bbl/d
Time of open flow between initial and final tests _____ Hours
Static rock Pressure * 630 psig (surface pressure) after 24 Hours
* Co-mingled

NOTE: ON BACK OF THIS FORM PUT THE FOLLOWING: 1). DETAILS OF PERFORATED INTERVALS, FRACTURING OR STIMULATING, PHYSICAL CHANGE, ETC. 2). THE WELL LOG WHICH IS A SYSTEMATIC DETAILED GEOLOGICAL RECORD OF ALL FORMATIONS, INCLUDING COAL ENCOUNTERED BY THE WELLBORE.

For: UMC Petroleum Corporation
By: [Signature] DISTRICT MANAGER
Date: 08/24/94

WV

1433

47-109-01433P

Well: UIC Loop 19
 API: 47-109-01433

Perforated Gordon at 4114' - 4136' with 16 shots. Broke down with 500 gals. 15% HCL. Fraced with 75 quality foam and 51,600# 20/40 sand. Break = 1700#, AIR = 30 BPM foam, ATP = 1980#, ISIP = 1750#.

Perforated Little Lime at 2986' - 2990' with 8 shots. Broke down with 500 gals. 28% HCL and acidized with 4,500 gals. 28% HCL with 400 Scf N₂/Bbl. Break = 1900#, AIR = 8 BPM, ATP = 1750#, ISIP = Circulated with 38 Bbl. flush to go.

Formation	Color	Hard or Soft	Top	Bottom	Oil, Gas Or Water	Depth	Remarks
Fill			0	10			
Sd & Sh			10	275	Water	100'	1/4" stream
Coal			275	278			
Sd & Sh			278	303			
Coal			303	307			
Sd & Sh			307	592			
Coal			592	596			
Shale			596	600			
Sh & Sd			600	734	Water	660'	1/4" stream
Coal			734	737			
Sd & Sh			737	846			
Sand			846	955			
Sd & Sh			955	1185			
Sand			1185	1369			
Sd & Sh			1369	1700			
Sand			1700	1872			
Red Rock			1872	1877			
Sd & Sh			1877	1955			
Princeton Sand			1955	2000			
Sd & Sh			2000	2241			
Avis Lime			2241	2276			
Shale			2276	2540			
Sd & Sh			2540	2605			
Shale			2605	2926			
Little Lime			2926	3010			
Shale			3010	3072			
Big Lime			3072	3350			
Lime			3350	3420			
Injun			3420	3464			
Sh & Sd			3464	3526			
Weir			3526	3543			
Shale			3543	3950			
Berea			3950	3970			
Shale			3970	4114			
Gordon			4114	4136			
Shale			4136	4256	TD		

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 WV Department of
 Environmental Protection

78.11

08/27/2021

Jl@e2cofvirginia.com

From: Veazey, Chris <cveazey@enervest.net>
 Sent: Monday, September 12, 2016 11:52 AM
 To: Jl@e2cofvirginia.com
 Subject: Correct WR-35 form for LC-19

WR-35

API # 47-109-01433

State of West Virginia
 Division of Environmental Protection
 Section of Oil and Gas

Well Operator's Report of Well Work

Farm Name: POCAHONTAS LAND CORP. Operator Well No. LOUP CREEK # 19
 LOCATION: Elevation: 2,148.00 Quadrangle: PILOT KNOB
 District: Oceana County: Wyoming
 Latitude: 5270 Feet South of 37 Deg. 47 Min. 30 Sec.
 Longitude 3260 Feet West of 81 Deg. 30 Min. 0 Sec.

Company: UMC PETROLEUM CORPORATION
 P.O. DRAWER 1738
 CLARKSBURG, WV 26301-1738

Casing & Tubing Size	Used in Drilling	Left in Well	Cement Fill up Cu. Ft.
16"	30'	30'	
11 3/4"	298'	298'	177
8 5/8"	1553'	1553'	476
4 1/2"		4186'	455

Agent: GREGORY A. SHOCKLEY

Inspector: OFIE A. HELMICK
 Permit Issued: 06/01/94
 Well work Commenced: 08/05/94
 Well Work Completed: 08/13/94
 Verbal Plugging

Permission granted on: _____
 Rotary X Cable _____ Rig
 Total Depth (feet) 4256'
 Fresh Water depths (ft) 100', 660'
 Salt water depths (ft) None
 Is coal being mined in area (Y/N)? N
 Coal Depths (ft): 275'-278', 303'-307', 592'-596', 734-737'

OPEN FLOW DATA

Producing formations Little Lime } * 2986' - 2990'
Gordon } Pay zone depth (ft) 4114' - 4136'
 Gas: Initial open flow _____ MCF/d Oil: Initial open flow _____ Bbl/d
 Final open flow * 420 MCF/d Final open flow _____ Bbl/d
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 Static rock Pressure * 630 psig (surface pressure) after _____ 24 Hours
 * Co-mingled

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For: UMC Petroleum Corporation

By: [Signature] DISTRICT MANAGER

47-109-01433P

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Division

SEP 11 1994

WR-36

Permitting
Office of Oil & Gas

API # 47-109-01433

State of West Virginia
Division of Environmental Protection
Section of Oil and Gas

Well Operator's Report of Well Work

Face Name: **POCAHONTAS LAND CORP.** Operator Well No. **LOUP CREEK # 19**
LOCATION: Elevation: **2,148.00** Quadrangle: **PILOT Knob**
District: **Ocoosa** County: **Wyoming**
Latitude: **5270 Feet South of 37** Deg. **47 Min. 30 Sec.**
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Company: **UMC PETROLEUM CORPORATION**
P.O. DRAWER 1738
CLARKSBURG, WV 26301-1738

Agent: **GREGORY A. SHOCKLEY**

Inspector: **OFIE A. HELMICK**
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Final open flow = 420 MCF/d Final open flow _____ Bbl/d
Time of open flow between initial and final tests _____ Hours
Static rock Pressure = 630 psig (surface pressure) after _____ 24 Hours
* Co-mingled

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For: UMC Petroleum Corporation

By: [Signature] DISTRICT MANAGER

Date: 08/24/94

SEP 13 1994

08/27/2021

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<u>Formation</u>	<u>Color</u>	<u>Hard or Soft</u>	<u>Top</u>	<u>Bottom</u>	<u>Oil, Gas Or Water</u>	<u>Depth</u>	<u>Remarks</u>
Fill			0	10			
Sd & Sh			10	275	Water	100'	1/4" stream
Coal			275	278			
Sd & Sh			278	303			
Coal			303	307			
Sd & Sh			307	592			
Coal			592	596			
Shale			596	600			
Sh & Sd			600	734	Water	660'	1/4" stream
Coal			734	737			
Sd & Sh			737	846			
Sand			846	985			
Sd & Sh			985	1185			
Sand			1185	1369			
Sd & Sh			1369	1700			
Sand			1700	1872			
Red Rock			1872	1877			
Sd & Sh			1877	1955			
Princeton Sand			1955	2000			
Sd & Sh			2000	2241			
Avis Lime			2241	2276			
Shale			2276	2540			
Sd & Sh			2540	2605			
Shale			2605	2926			
Little Lime			2926	3010			
Shale			3010	3072			
Big Lime			3072	3350			
Lime			3350	3420			
Injun			3420	3464			
Sh & Sd			3464	3526			
Weir			3526	3543			
Shale			3543	3950			
Esrea			3950	3970			
Shale			3970	4114			
Gordon			4114	4136			
Shale			4136	4256			TD

78161

U.S. GEOLOGICAL SURVEY

47-109-01433 P

7017 1450 0002 3854 1013
ETOT 459E 2000 054T 2102

U.S. Postal Service™ CERTIFIED MAIL® RECEIPT <i>Domestic Mail Only</i>	
For delivery information, visit our website at www.usps.com ®. Norfolk, VA 23510	
OFFICIAL USE	
Certified Mail Fee \$3.60 \$ Extra Services & Fees (check box, add fee as appropriate) <input type="checkbox"/> Return Receipt (hardcopy) \$0.00 <input type="checkbox"/> Return Receipt (electronic) \$0.00 <input type="checkbox"/> Certified Mail Restricted Delivery \$0.00 <input type="checkbox"/> Adult Signature Required \$0.00 <input type="checkbox"/> Adult Signature Restricted Delivery \$0.00	0523 03 Postmark Here 02/05/2021
Postage \$1.40 \$ Total Postage and Fees \$7.85 \$	
Sent To Pocahontas Land Corp LC-19 Street and Apt. No., or PO Box No. Three Commercial Place City, State, ZIP+4® Norfolk, VA 23510	
PS Form 3800, April 2015 PSN 7530-02-000-9047 See Reverse for Instructions	

RECEIVED
 Office of Oil and Gas
 FEB 11 2021
 U.S. Department of
 Environmental Protection

08/27/2021

WW-9
(5/16)

API Number 47 - 109 - 01433
Operator's Well No. UIC Loup Creek 19

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) Crane Fork Quadrangle Pilot Knob

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: GEL

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

Proposed Disposal Method For Treated Pit Wastes:

- Land Application (if selected provide a completed form WW-9-GPP)
- Underground Injection (UIC Permit Number 2D0550319)
- 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: _____

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

-If oil based, what type? Synthetic, petroleum, etc. _____

Additives to be used in drilling medium? _____

Drill cuttings disposal method? Leave in pit, landfill, removed offsite, etc. _____

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

-Landfill or offsite name/permit number? _____

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]
Company Official (Typed Name) Jeff Mast
Company Official Title Director Production



Subscribed and sworn before me this 4th day of February, 2021

Phyllis A. Copley Notary Public

My commission expires September 16, 2023

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WV 08/27/2021
Environmental Protection

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
Red Fescue	40
Alsike	5
Annual Rye	15

Seed Type	lbs/acre
Red Fescue	15
Alsike Clover	5

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: (PHONE) GARY KENNEDY (gkm)

Comments: _____

Title: _____ Date: 7/17/2021

Field Reviewed? () Yes () No

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WV Department of
Environmental Protection
08/27/2021

47-109-01433P

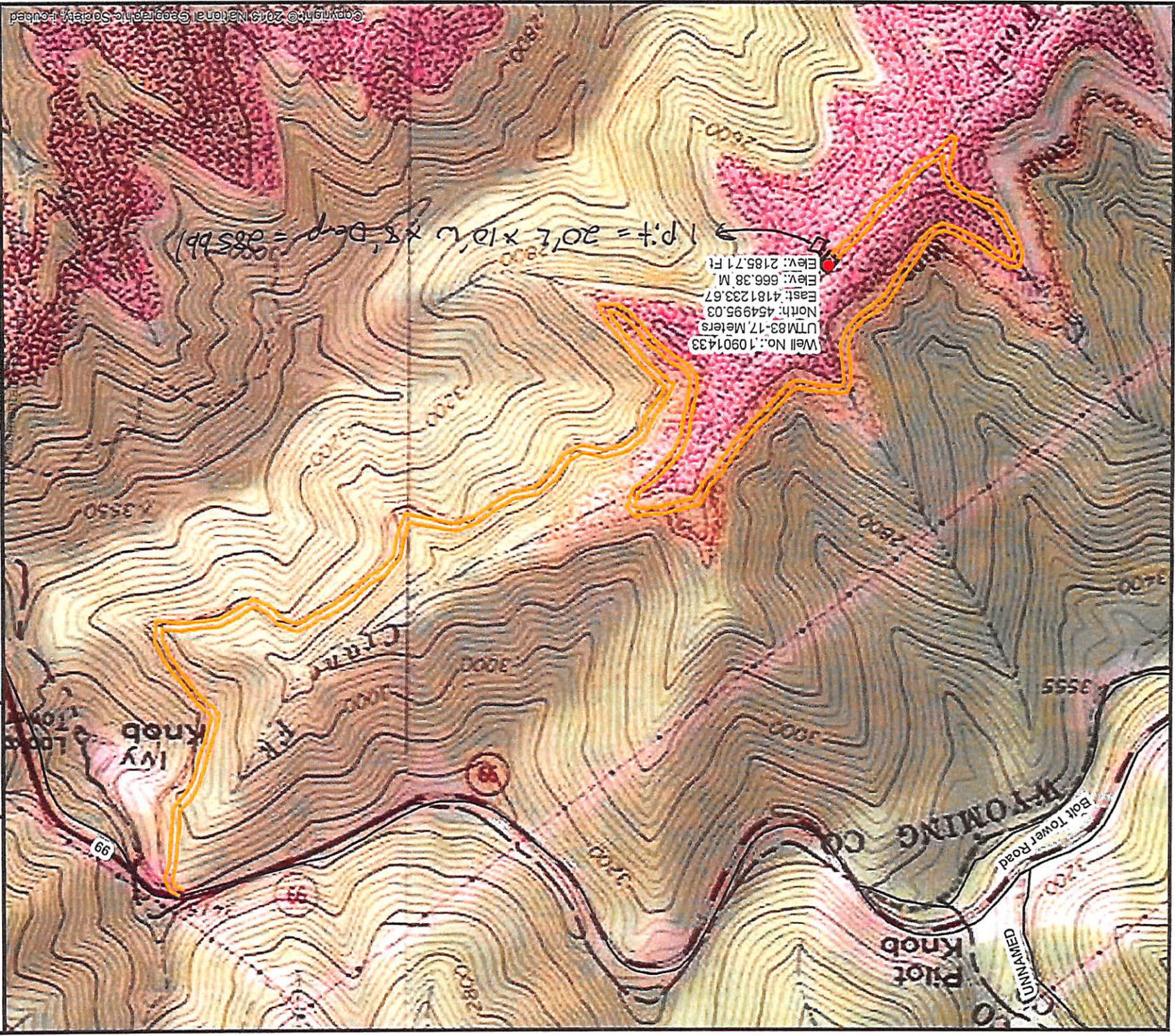
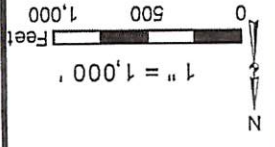
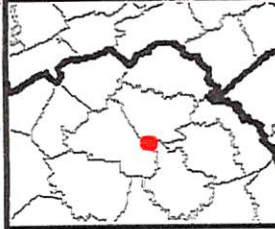


Diversified Gas & Oil Corporation
100 Diversified Way
Pikeville KY, 41051

47-109-01433
Plugging Map

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



47-109-01433 P

WW-7
8-30-06

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Environmental Protection



West Virginia Department of Environmental Protection
Office of Oil and Gas

WELL LOCATION FORM: GPS

API: 47-109-01433 WELL NO.: LC-19

FARM NAME: Pocahontas Land Corp.

RESPONSIBLE PARTY NAME: Diversified Production, LLC

COUNTY: Wyoming DISTRICT: Oceana

QUADRANGLE: Pilot Knob

SURFACE OWNER: Pocahontas Surface Interest

ROYALTY OWNER: DP Bluegrass LLC

UTM GPS NORTHING: 4,181,233.67

UTM GPS EASTING: 454,995.03 GPS ELEVATION: 2185'

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

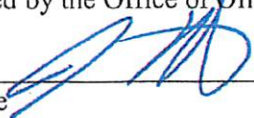
Real-Time Differential

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

Director Production
Title

2/4/2021
Date

08/27/2021



Stansberry, Wade A <wade.a.stansberry@wv.gov>

Plugging Vertical Well Work Permit (API: 47-109-01433)

1 message

Stansberry, Wade A <wade.a.stansberry@wv.gov>

Thu, Aug 26, 2021 at 2:38 PM

To: "Mast, Jeff" <jmast@dgoc.com>, Gary L Kennedy <gary.l.kennedy@wv.gov>, Michael Cook <mecook2@assessor.state.wv.us>

I have attached a copy of the newly issued well [permit](#) number, "LOUP CREEK 19", API: (47-109-01433). This will serve as your copy.

If you have any questions, then [please](#) contact us here at the Office of Oil and Gas.

Thank you,

Wade A. Stansberry

Environmental Resource Specialist 3

West Virginia Department of Environmental Protection

Office of Oil & Gas

601 57th St. SE

Charleston, WV 25304

(304) 926-0499 ext. 41115


(304) 926-0452 fax

Wade.A.Stansberry@wv.gov

|

2 attachments

 **IR-8 Blank.pdf**
157K

 **47-109-01433 - Copy.pdf**
3694K

08/27/2021