



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

Friday, May 22, 2026
WELL WORK PLUGGING PERMIT
Vertical Plugging

DIVERSIFIED PRODUCTION LLC
101 MCQUISTON DRIVE

JACKSON CENTER, PA 16133

Re: Permit approval for TICKLE 2
47-039-03946-00-00

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.

H. Jason Harmon
Chief

Operator's Well Number: TICKLE 2
Farm Name: HUFFMAN, H. E. & A.
U.S. WELL NUMBER: 47-039-03946-00-00
Vertical Plugging
Date Issued: 5/22/2026

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.
5. No sooner than sixty (60) days and no greater than ninety (90) days after the completion of the plugging of the well, the operator shall conduct an evaluation of the plugging operations to verify that the well is not leaking any fluid or gases and is properly sealed at the surface to prevent fluids or other materials from entering the well. Reports of such analysis are required to be provided to the agency with the permittee's filing of the WR-38. Wells affirmed to be leaking after plugging operations have completed, will be considered to not be properly plugged and may be required to be retested, repaired, and/or replugged.

05/22/2026

1) Date May 5, 2026
2) Operator's
Well No. HUFFMAN H E A TICKLE 2
3) API Well No. 47-039-03946

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 1158.87' Watershed Little Sandy Creek of Elk River
District Elk County Kanawha Quadrangle Clendenin 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
Name Terry Urban
Address P.O. Box 1207
Clendenin, WV 25045

9) Plugging Contractor
Name Next LVL Energy (Diversified Owned)
Address 104 Helliport Loop Rd
Bridgeport, WV 25330

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

See Attached

See Prog Page

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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 *[Signature]* Date 5-11-26

05/22/2026

MAY 14 2026

WV Department of
Environmental Protection

Plugging Prognosis – **New Regulations**

API #: 47-039-03946

West Virginia, Kanawha County

Lat/Long – 38.480951, -81.482533

Nearest ER: Charleston Area Medical Center: Emergency Room – 501 Morris St, Charleston, WV 25301

Casing Schedule

8-5/8" @ 566' – CTS w/ 165 sks

4-1/2" @ 2193' – Cemented w/ 150 sks – ETOC @ 1417' using 1.18 yield & 7-7/8" O.H. – ETOC @ 527' using 1.18 yield & 6-1/4" O.H.

TD @ 2239' DTD – 2230' LTD

Completion: Big Injun – 2106'–2138' – 33 Perfs – 390 bbl H2O, 160 sks 20/40 sand

Fresh Water: 427' based on offset well 47-039-04844 offset at 0.23 miles and Elevation @ 1150'

Salt Water: 1317' based on offset well 47-039-04844 offset at 0.23 miles and Elevation @ 1150'

Gas Shows: None Reported

Oil Shows: None Reported

Coal: None Reported

Open Mine: None Reported

Elevation: 1127'

1. Notify Inspector Terry Urban @304-549-5915, 48 hrs prior to commencing operations.
2. MIRU service rig and ancillary equipment.
3. Check and record pressures on csg/tbg. Kill well as necessary with fresh water or brine water.
4. Check TD w/ sandline/tbg.
5. TOOH w/ any rods and/or tbg in well.
6. Find TOC on backside of 4-1/2".
7. Pump 6% Bentonite gel between each plug.
8. TIH w/ tbg to 2225', 10' above TD. Kill well as needed with 6% bentonite gel and fill rat hole with gel. Pump at least 10 bbls gel.
9. TOOH w/ tbg to 2086'. Pump 100' Class L/Class A cement plug from 2086' to 1986' (Completion Plug – Big Injun Plug). Approximately 8 sks @ 1.14 yield. Tag TOC. Top off as needed. Do not omit any plugs listed below. Perforate as needed.
10. TOOH w/ tbg to 1297'. Pump 100' Class L/Class A cement plug from 1297' to 1197'. (Saltwater Plug). Approximately 30 sks @ 1.14 yield in 7-7/8" O.H.. Tag TOC. Top off as needed. Do not omit any plugs listed below. Perforate as needed.
11. TOOH w/ tbg to 576'. Pump 269' Class L/Class A cement plug from 576' to Surface. (Largest Casing in Well, Freshwater, & Surface Plug). Approximately 179 sks @ 1.14 yield in 7-7/8" O.H.. Tag TOC. Top off as needed. Do not omit any plugs listed below. Perforate as needed.
12. Reclaim location and well road to WVDEP specifications and erect P&A well monument.

Should probably cover both zones AS ONE plug After plugging the csg

Operator should plug with Cement All Injection formations including Salt, Elevation, Coals & Freshwater

*Raymond White
5-11-26*

05/22/2026

IV-35
(Rev 8-81)

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DEC 30 1983

OIL & GAS DIVISION
DEPT. OF MINES



State of West Virginia
Department of Mines
Oil and Gas Division

Date December 27, 1983
Operator's
Well No. 2
Farm B. TICKLE
API No. 47 - 039 - 3946

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FEB 2 - 1984

WELL OPERATOR'S REPORT
OF
DRILLING, FRACTURING AND/OR STIMULATING, OR PHYSICAL CHANGE

OIL & GAS DIVISION

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

LOCATION: Elevation: 1127 Watershed Little Sandy Creek of Elk River
District: Elk County Kanawha Quadrangle Blue Creek

COMPANY QUAKER STATE OIL REFG. CORP.
ADDRESS P.O.Box 1327, Parkersburg, WV 26102-1327
DESIGNATED AGENT Carl J. Carlson
ADDRESS same as above
SURFACE OWNER H.E. Huffman
ADDRESS 4438 W. Washington St., Charleston, WV
MINERAL RIGHTS OWNER E. A. Tickle hrs.
ADDRESS
OIL AND GAS INSPECTOR FOR THIS WORK
C. Duckworth ADDRESS Davison Rt, Box 107, Cassaway, WV 26624
PERMIT ISSUED 3/10/83
DRILLING COMMENCED 9/28/83
DRILLING COMPLETED 10/2/83
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"			
9 5/8			
8 5/8	566	.566	cts
7			
5 1/2			
4 1/2	2193	2193	150 sx
3			
2			
Liners used			

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Office of Oil and Gas

GEOLOGICAL TARGET FORMATION Big Injun Depth 2106 - 2140 feet
Depth of completed well 2230 feet Rotary XX / Cable Tools
Water strata depth: Fresh na feet; Salt 1432 feet
Coal seam depths: na Is coal being mined in the area? no

OPEN FLOW DATA
Producing formation Big Injun Pay zone depth 2106 - 38 feet
Gas: Initial open flow Mcf/d Oil: Initial open flow Bbl/d
Final open flow 12 Mcf/d Final open flow 8 Bbl/d
Time of open flow between initial and final tests hours
Static rock pressure psig (surface measurement) after 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

KAN 3946

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

Perforated from 2106 - 38 with 33 shots.
 Frac'd with 390 bbl. water and 160 sx of 20/40 sand.
 Fm. breakdown - 3800 psi
 ISIP - 850 psi

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WELL LOG

FORMATION	COLOR	HARD OR SOFT	TOP FEET	BOTTOM FEET	REMARKS
					Including indication of all fresh and salt water, coal, oil and gas
Shale & Sandstone			0	520	
Sandstone			520	558	
Shale			558	634	
Sandstone & Shale			634	1034	
Shale & Siltstone			1034	1432	
Salt Sand			1432	1784	
Shale & Siltstone			1784	1870	
Sandstone			1870	1921	
Little Lime			1921	1954	
Pencil Cave			1954	1959	
Big Lime			1959	2106	
Big Injun			2106	2140	
Siltstone			2140	2239 DTD 2230 LTD	

(Attach separate sheets as necessary)

QUAKER STATE OIL REFINING CORPORATION
 Well Operator
 Michael C. Brannock - Sr. Geol.
 By: Michael C. Brannock
 Date: December 27, 1983

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 coal, encountered in the drilling of a well."

05/22/2026

NOTE: BEARINGS & DISTANCES SHOWN IN PARANTHESIS ARE DEED CALLS.

LATITUDE 38° 30' 00"
38° 30' 00" (15)

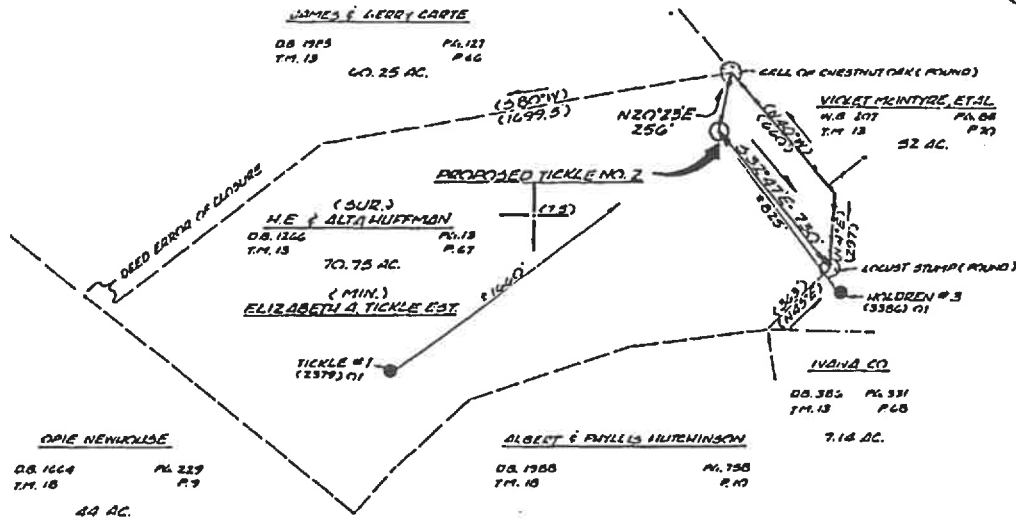
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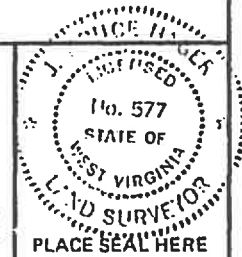
LONGITUDE 81° 22' 51" W
81° 22' 51" W

1983 MAGNETIC NORTH



FILE NO. 8302
DRAWING NO. _____
SCALE 1" = 600'
MINIMUM DEGREE OF
ACCURACY 1' IN 200'
PROVEN SOURCE OF
ELEVATION EXISTING WELL -
HOLDEN NO. 3 - EL. 1160.9

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 MINES.
(SIGNED) J. Bruce Hager
R.P.E. _____ L.L.S. 577



STATE OF WEST VIRGINIA
DEPARTMENT OF MINES
OIL AND GAS DIVISION



DATE JANUARY 14, 19 83
OPERATOR'S WELL NO. TICKLE NO. 2
API WELL NO. _____
47 - 039 - 3946
STATE COUNTY PERMIT

(+) DENOTES LOCATION OF WELL ON UNITED STATES TOPOGRAPHIC MAPS
WELL TYPE: OIL GAS _____ LIQUID INJECTION _____ WASTE DISPOSAL _____
(IF "GAS,") PRODUCTION _____ STORAGE _____ DEEP _____ SHALLOW _____
LOCATION: ELEVATION 1127 WATER SHED LITTLE SANDY CREEK OF ELK RIVER
DISTRICT ELK COUNTY KANAWHA
QUADRANGLE BLUE CREEK 7.5' (CLENDENIN 15')
SURFACE OWNER H.E. & ALTA HUFFMAN ACREAGE 70.75
OIL & GAS ROYALTY OWNER ELIZABETH A. TICKLE ESTATE HEIRS LEASE ACREAGE 70.75
LEASE NO. W-1094
PROPOSED WORK: DRILL CONVERT _____ DRILL DEEPER _____ REDRILL _____ FRACTURE OR
STIMULATE _____ PLUG OFF OLD FORMATION _____ PERFORATE NEW
FORMATION _____ OTHER PHYSICAL CHANGE IN WELL (SPECIFY) _____
PLUG AND ABANDON _____ CLEAN OUT AND REPLUG _____
TARGET FORMATION BIG INJUN ESTIMATED DEPTH 2237'
WELL OPERATOR SWANKER STATE OIL REF. CORP DESIGNATED AGENT, CARL J. CARLSON
ADDRESS P.O. BOX 1327 ADDRESS P.O. BOX 1327
PARKERSBURG, W.V. 26101 PARKERSBURG, W.V. 26101

KAN. 3946

05/22/2026



1) Date: March 10, 1983
 2) Operator's Well No. BEULAH TICKLE #2
 3) API Well No. 47-039- 3946
 State County Permit

DRILLING CONTRACTOR:

Clint Hurt & Assoc.
P.O. Box 388
Elkview, WV 25701

STATE OF WEST VIRGINIA
 DEPARTMENT OF MINES, OIL AND GAS DIVISION
OIL AND GAS WELL PERMIT APPLICATION

- 4) WELL TYPE: A Oil XX / Gas _____
 B (If "Gas", Production _____ / Underground storage _____ / Deep _____ / Shallow _____)
- 5) LOCATION: Elevation: 1127 Watershed: Little Sandy Creek of Elk River
 District: Elk County: Kanawha Quadrangle: Blue Creek
- 6) WELL OPERATOR QUAKER STATE OIL REFG. CORP. 11) DESIGNATED AGENT Carl J. Carlson
 Address P.O. Box 1327 Address P.O. Box 1327
Parkersburg, WV 26102-1327 Parkersburg, WV 26102-1327
- 7) OIL & GAS ROYALTY OWNER Elizabeth A. Tickle Hrs. 12) COAL OPERATOR NA
 Address See exhibit "A" Address _____
- 8) SURFACE OWNER H.F. & Alta Huffman 13) COAL OWNER(S) WITH DECLARATION ON RECORD:
 Address 4458 West Washington Street Name NA
Charleston, W. Va. 25313 Address _____
 Acreage 70.75 Name _____
 Address _____
- 9) FIELD SALE (IF MADE) TO:
 Address COLUMBIA GAS TRANSMISSION CORP.
P.O. Box 1273, Charleston, WV
- 10) OIL & GAS INSPECTOR TO BE NOTIFIED
 Name Homer Dougherty
 Address Linden Rt. Box 3A
Looneyville, WV 25259
- 14) COAL LESSEE WITH DECLARATION ON RECORD:
 Name NA
 Address 2015 MARKET ST. W. VA. 25301
- 15) PROPOSED WORK: Drill XX / Drill deeper _____ / Redrill _____ / Fracture or stimulate MAR 16 1983
 Plug off old formation _____ / Perforate new formation _____
 Other physical change in well (specify) _____
- 16) GEOLOGICAL TARGET FORMATION, Big Injun
- 17) Estimated depth of completed well, 2237 feet
- 18) Approximate water strata depths: Fresh, 527 feet; salt, 1408 feet.
- 19) Approximate coal seam depths: NA Is coal being mined in the area? Yes _____ / No XX

20) CASING AND TUBING PROGRAM

CASING OR TUBING TYPE	SPECIFICATIONS					FOOTAGE INTERVALS		CEMENT FILL-UP OR SACKS (Cubic feet)	PACKERS
	Size	Grade	Weight per ft.	New	Used	For drilling	Left in well		
Conductor									Kinds
Fresh water	<u>8 5/8</u>	<u>H-40</u>	<u>20</u>	<u>XX</u>		<u>575</u>	<u>527 575</u>	<u>cts</u>	<u>NEAT</u>
Coal									Sizes
Intermediate									
Production	<u>4 1/2</u>	<u>J-55</u>	<u>9.5</u>	<u>XX</u>		<u>2237</u>	<u>2237</u>	<u>224 sx</u>	Depths set
Tubing	<u>2</u>	<u>J</u>	<u>4.5</u>	<u>XX</u>		<u>2087</u>	<u>2087</u>		
Liners									Perforations:
									Top Bottom

21) EXTRACTION RIGHTS

Check and provide one of the following:
 Included in the lease or leases or other continuing contract or contracts by which I hold the right to extract oil or gas.
 The requirement of Code 22-2-1-(c) (1) through (4). (See reverse side for specifics.)

22) ROYALTY PROVISIONS

Is the right to extract, produce or market the oil or gas based upon a lease or other continuing contract or contracts providing for flat well royalty or any similar provision for compensation to the owner of the oil or gas in place which is not inherently related to the volume of oil or gas so extracted, produced or marketed? Yes No

If the answer above is No, nothing additional is needed. If the answer is Yes, you may use Affidavit Form IV-60.

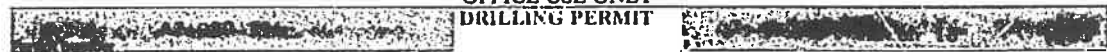
23) Required Copies (See reverse side.)

24) Copies of this Permit Application and the enclosed plat and reclamation plan have been mailed by registered mail or delivered by hand to the above named coal operator, coal owner(s), and coal lessee on or before the day of the mailing or delivery of this Permit Application to the Department of Mines at Charleston, West Virginia.

Notary: Robert L. Brand
 My Commission Expires Feb. 25, 1985

Signed: [Signature]
 Its: Carl J. Carlson - Dist. Manager
 Designated Agent

OFFICE USE ONLY
 DRILLING PERMIT



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. 10) 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.)

Permit expires November 18, 1983 unless drilling is commenced prior to that date and prosecuted with due diligence.

Bond: <u>BB</u>	Agent: <u>[Signature]</u>	Plat: <u>[Signature]</u>	Casing: <u>[Signature]</u>	Fee: <u>5050</u>
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Administrator, Office of Oil and Gas

NOTE: Keep one copy of this permit posted at the drilling location.

05/22/2026
 File

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 MAY 14 2026
 WV Department of
 Environmental Protection

Reviewed TMG
 Recorded _____

State of West Virginia
 DEPARTMENT OF ENERGY
 Division of Oil and Gas

4703904844

Well Operator's Report of Well Work

Well name: CARTE, JAMES A. & GERRY L Operator Well No.: IVANA CO. 3 (1)

LOCATION: Elevation: 1150.00 Quadrangle: BLUE CREEK

District: ELK County: KANAWHA
 Latitude: 6540 Feet South of 38 Deg. 30Min. 0
 Longitude 8210 Feet West of 81 Deg. 27 Min. 30 Sec

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Company: QUAKER STATE CORPORATION
 P.O. BOX 189/1226 PUTNAM HOWE
 BELPRE, OH 45714-0189

Casing & Tubing Size	Used in Drilling	Left in Well	Cement Fill Up Cu. Ft.
8 5/8	722	722	CTS
4 1/2	2220	2220	210 SX

Agent: FRANK R. ROTUNDA

Inspector: CARLOS W. HIVELY
 Permit Issued: 10/15/91
 Well work Commenced: 12/9/91
 Well work Completed: 1/22/92
 Verbal Plugging
 Permission granted on: _____
 Rotary X Cable _____ Rig
 Total Depth (feet) 2264
 Fresh water depths (ft) 450'
 Salt water depths (ft) 1340'

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 WV Division of
 Environmental Protection

coal being mined in area (Y/N)? N
 Coal Depths (ft): N/A

OPEN FLOW DATA

Producing formation Big Injun Pay zone depth (ft) 1660-1800
 Gas: Initial open flow N/A MCF/d Oil: Initial open flow N/A Bbl/c
 Final open flow N/A MCF/d Final open flow N/A Bbl/c
 Time of open flow between initial and final tests N/A Hours
 Static rock Pressure N/A psig (surface pressure) after N/A Hours

Second producing formation _____ Pay zone depth (ft) _____
 Gas: Initial open flow _____ MCF/d Oil: Initial open flow _____ Bbl/c
 Final open flow _____ MCF/d Final open flow _____ Bbl/c
 Time of open flow between initial and final tests _____ Hours
 Static rock Pressure _____ psig (surface pressure) after _____ Hours

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.

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MAR 20 2019

WV Department of
 Environmental Protection

For: Frank R. Rotunda
 QUAKER STATE CORPORATION

By: Frank Rotunda
 Date: 1/24/92

OFF-SET 47-039-04844 FOR 47-039-03946

05/22/2026

Treatment:

Perf: 2120' - 2150' with 31 holes
Frac: 520 bbl fluid and 200 SX 10/20 sand
Avg Rate 36 BPM
Avg PSI 1381

Perf: 1660' - 1800' with 121 holes
Frac: 758 bbls fluid and 500 SX 20/40 sand
Avg. Rate: 29 BPM
Avg. Psi: 2647

LOG:	FEET:
Sand/shale	0-1340
Salt sands	1340-1930
Little lime	1930-1964
Pencil cave	1964-1970
Big lime	1970-2110
Big injun	2110-2152
Silt/shale	2152-2264

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05/22/2026



DIVERSIFIED
energy

Date: 5/5/2026

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

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Mr. Harmon,

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 4703903946 Well Name HUFFMAN H E A TICKLE 2

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

Sincerely,

Diversified Energy Permitting Department



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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.

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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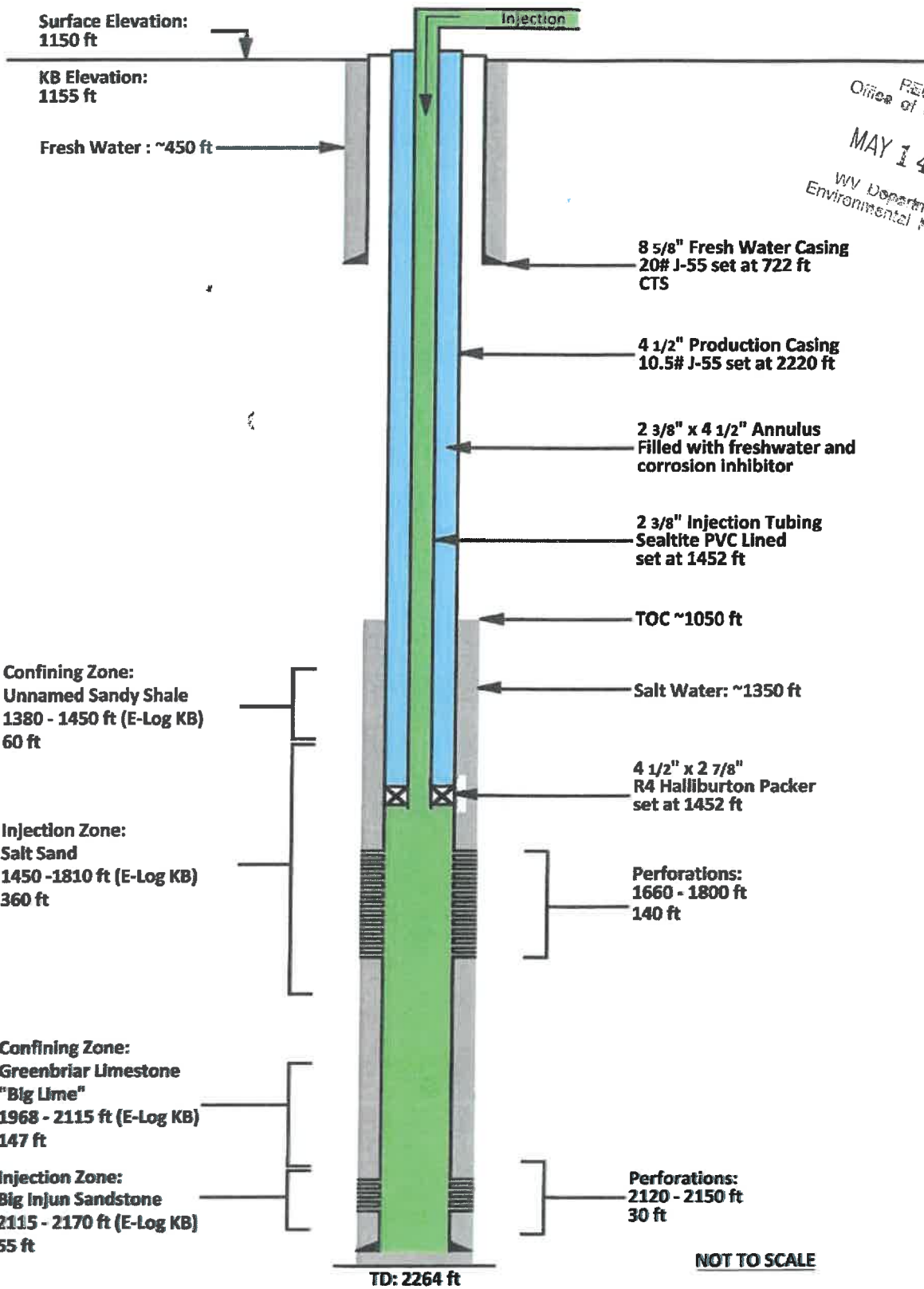
05/22/2026

Well Bore Diagram

Ivana TR3 No. 1
API 47-039-04844

Diversified Production LLC

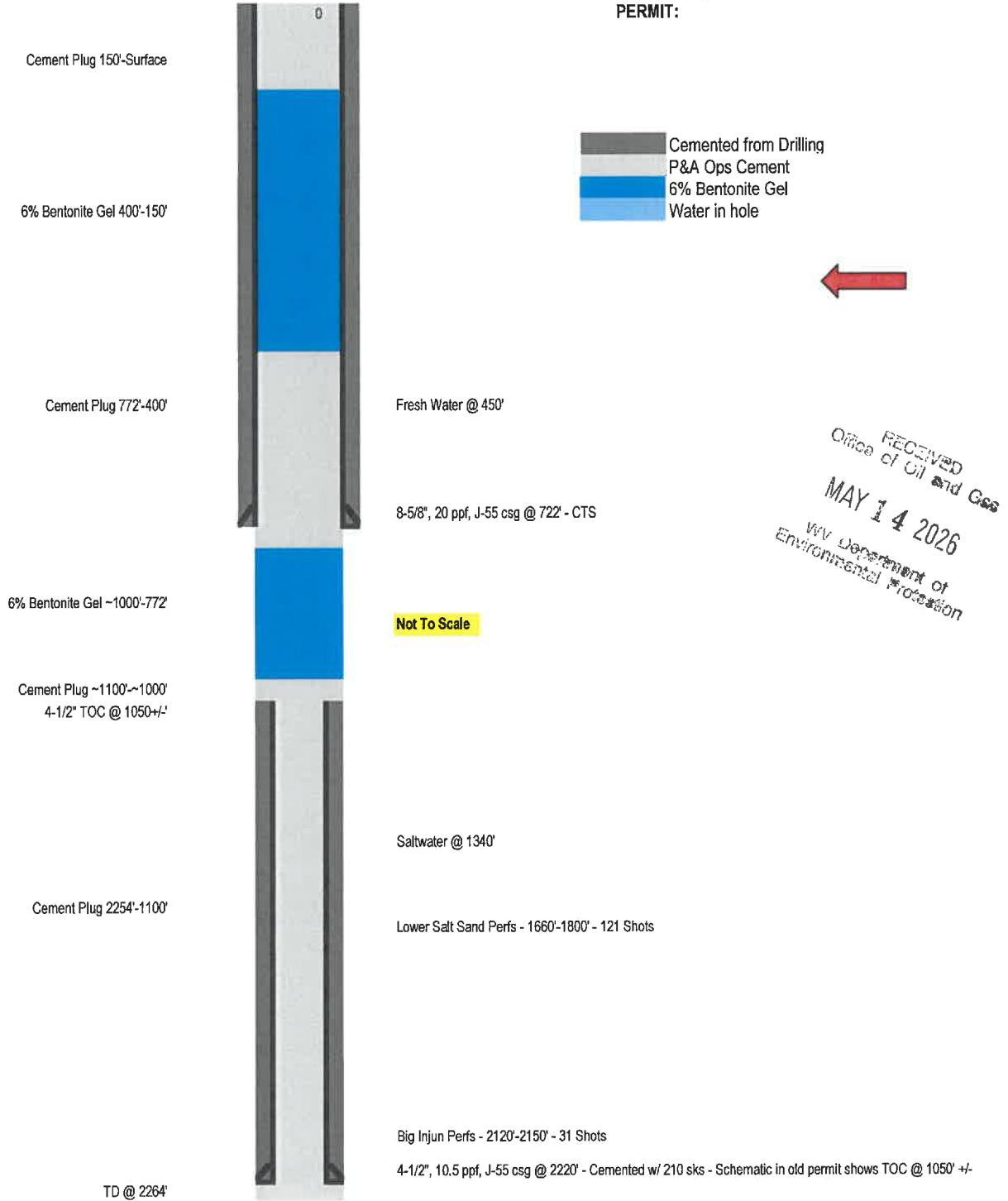
UIC 2D03904844-003



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NOT TO SCALE

API: 37-039-04844
WELL: Ivana TR3 #1
PERMIT:



WW-4A
Revised 6-07

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1) Date: 5/5/2026
2) Operator's Well Number HUFFMAN H E A TICKLE 2
3) API Well No.: 47 - 039 - 03946

**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>Bruner Land Company</u>	Name <u>Not Currently Operated</u>
Address <u>PO Box 98</u>	Address _____
<u>Byesville, OH 43723</u>	_____
(b) Name _____	(b) Coal Owner(s) with Declaration
Address _____	Name <u>Elizabeth A Tickle, Est., ETAL & Henry Huffman</u>
_____	Address <u>306 Elm St.</u>
_____	<u>South Charleston, WV 25303</u>
(c) Name _____	Name _____
Address _____	Address _____
_____	_____
6) Inspector <u>Terry Urban</u>	(c) Coal Lessee with Declaration
Address <u>P.O. Box 1207</u>	Name <u>None Reported</u>
<u>Clendenin, WV 25045</u>	Address _____
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: Chris Veazey
 Its: Director of Administration
 Address 414 Summers Street
Charleston, WV 25301
 Telephone 304-590-7707

Subscribed and sworn before me this 5th day of May, 2026
Jeffrey Bush Notary Public
 My Commission Expires September 28, 2028

Oil and Gas Privacy Notice

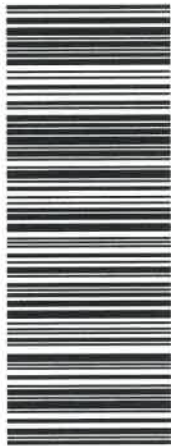
The Office of Oil and Gas processes your personal information, such as name, address and phone number, as a part of our regulatory duties. Your personal information may be disclosed to other State agencies or third parties in the normal course of business or as needed to comply with statutory or regulatory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

05/22/2026

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

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USPS CERTIFIED MAIL™



9407 1362 0855 1288 7197 50



BRUNER LAND COMPANY
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BYESVILLE OH 43723-0098

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25301
C4000004
Retail
5.0 OZ FLAT



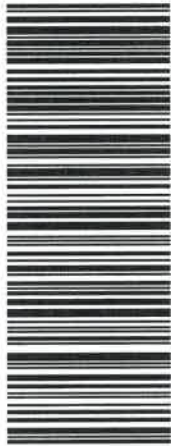
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Permitting Department
414 SUMMERS STREET
2ND FLOOR
CHARLESTON WV 25301

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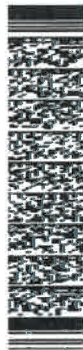


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ELIZABETH A TICKLE EST ET AL & HENRY HUFFMAN
306 ELM ST
SOUTH CHARLESTON WV 25303-1616

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25301
C4000004
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WW-4B

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API No. 4703903946
Farm Name H.E. Huffman
Well No. HUFFMAN H E A TICKLE 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 _____

05/22/2026

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) Little Sandy Creek of Elk River Quadrangle Clendenin 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 fluids 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 Any fluids not used on site will be recycled at an approved facility and noted in the WR-34 Submission)

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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]

Company Official (Typed Name) Chris Veazey

Company Official Title Director of Administration



Subscribed and sworn before me this 5th day of May, 2026

[Signature] Notary Public

My commission expires September 28, 2028

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

Lime 3 Tons/acre or to correct to pH 6.5

Fertilizer type 10-20-20 or Equivalent

Fertilizer amount 500 lbs/acre

Mulch 2 Tons/acre

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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: *Mary White*

Comments: *See All Changes to Prop Page*

Title: *Inspect and Cons*

Date: *5-11-26*

Field Reviewed?

() Yes

() No

47-03903946
Royalty Owners

Daphne L. West
Allen Huffman
Raymond H. Huffman
Paul Edward Huffman
Michael Gene Powell
James S. Ingram
David R. Slagle
James Robert Powell
Frances Hanna
Sanna Kolb
Beulah Tickle
Gloria Legg, Heirs
Rebecca Wood
Margaret J. Ashley
Fred Varian
Drema Sue Williams
Eva Jean Estep
Henry E. Huffman
Dora Ann Miller
Sygel Barker, Jr.
Sue Baire
Betty Lee Mullins Vannatter
Reva Rule
Helen Butler
Thelma Bunting
Harry Huffman
Erma Lee Miller

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

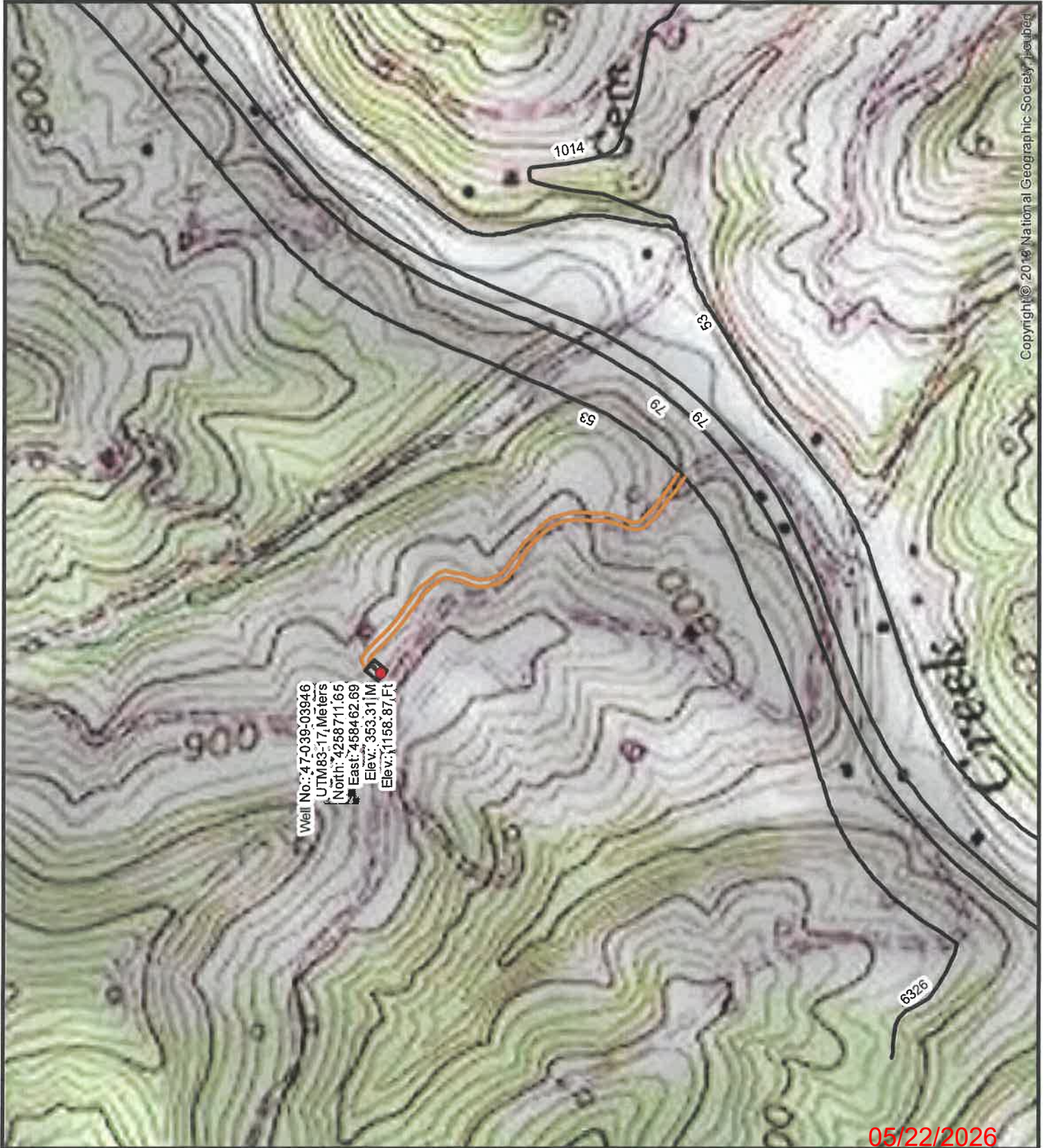
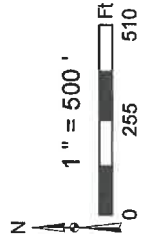
47-039-03946

Well Plugging Map

Legend

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

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

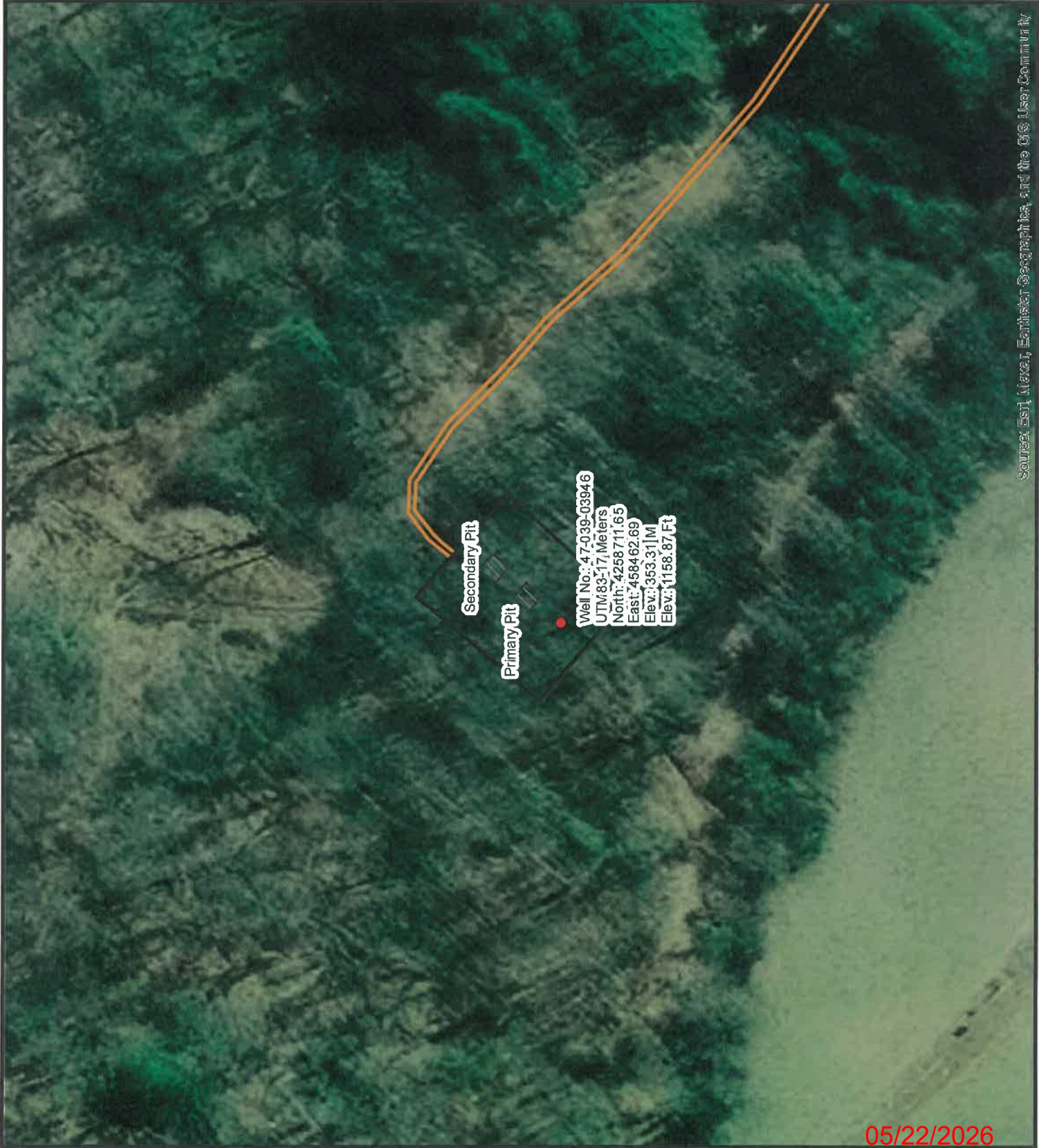
47-039-03946

Well Plugging Map

Legend

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

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Source: Esri, Maxar, Earthstar Geographics, and the GIS User Community

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WW-7
8-30-06



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

API: 4703903946 WELL NO.: HUFFMAN H E A TICKLE 2

FARM NAME: H.E. Huffman

RESPONSIBLE PARTY NAME: Diversified Production, LLC

COUNTY: Kanawha DISTRICT: Elk

QUADRANGLE: Clendenin 7.5'

SURFACE OWNER: Bruner Land Company

ROYALTY OWNER: See Attached

UTM GPS NORTHING: 4258711.65

UTM GPS EASTING: 458462.69 GPS ELEVATION: 1158.87'

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

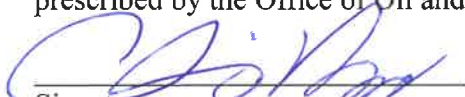
1. Datum: NAD 1983, Zone: 17 North, Coordinate Units: meters, Altitude: height above mean sea level (MSL) – meters.
2. Accuracy to Datum – 3.05 meters
3. Data Collection Method:

Survey grade GPS : Post Processed Differential
Real-Time Differential

Mapping Grade GPS : Post Processed Differential
Real-Time Differential

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

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


Signature

Chris Veazey - Director of Administration
Title

5/5/2026
Date

05/22/2026

11/10/2016

PLUGGING PERMIT CHECKLIST
4703903946

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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

05/22/2026



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

plugging permit issued 4703903946

1 message

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

Fri, May 22, 2026 at 11:00 AM

To: Terry W Urban <terry.w.urban@wv.gov>, sallierobinson@kanawha.us, Nicholas Bumgardner <nbumgardner@dgoc.com>

To whom it may concern a plugging permit has been issued for 4703903946.

--

James Kennedy

Environmental Resource Specialist III / Permitting


WVDEP Office of Oil and Gas

601 57th Street, SE

Charleston, WV 25304

304-926-0499 ext. 45025

james.p.kennedy@wv.gov

 **4703903946.pdf**
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