

02/10/2023



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west virginia department of environmental protection

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

Harold D. Ward, Cabinet Secretary  
[www.dep.wv.gov](http://www.dep.wv.gov)

Tuesday, February 7, 2023  
WELL WORK PLUGGING PERMIT  
Vertical Plugging

PAYNE, ROBERT E  
1472 OLD ELKINS RD.

BUCKHANNON, WV 26201

Re: Permit approval for PAYNE 4  
47-097-02666-00-00

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: PAYNE 4  
Farm Name: PAYNE ROBERT E.  
U.S. WELL NUMBER: 47-097-02666-00-00  
Vertical Plugging  
Date Issued: 2/7/2023

A handwritten signature in blue ink, appearing to read 'James A. Martin', is written over a blue circular stamp. The stamp is partially obscured by the signature and has some ink smudges below it.

Promoting a healthy environment.

I

4709702606P

## 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.

WW-4B  
Rev. 2/01

- 1) Date January 20, 2023
- 2) Operator's  
Well No. Robert Payne 4
- 3) API Well No. 47-097 - 02668

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 1280 Watershed Rooting Creek  
District Warren County Harrison Quadrangle Berlin
- 6) Well Operator Robert Payne 7) Designated Agent Diane White  
Address 1472 Old Elkins Road Address 5260 Dupont Road  
Buckhannon, WV 26201 Parkersburg, WV 26101
- 8) Oil and Gas Inspector to be notified 9) Plugging Contractor  
Name Kenneth Greynolds Name To Be Determined Upon Approval of Permit  
Address 613 Broad Run Road Address \_\_\_\_\_  
Jane Lew, WV 26378

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

**\*\* See Attached Plugging Manners \*\***

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Office of Oil and Gas

JAN 30 2023

WV Department of  
Environmental Protection

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

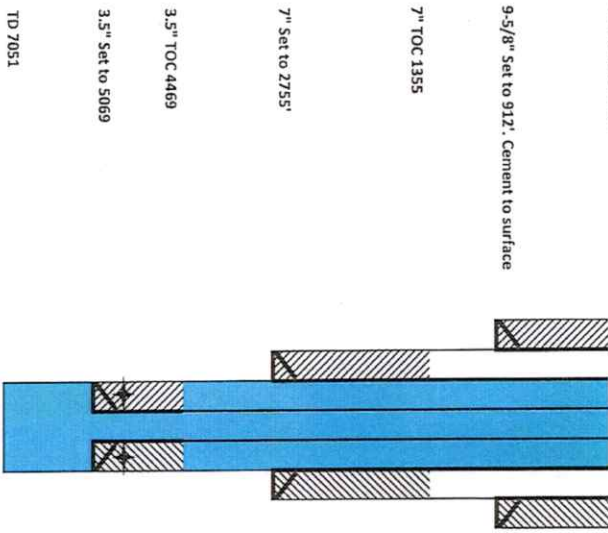
Work order approved by inspector Kenneth Greynolds Date 1/25/2023

Digitally signed by Kenneth Greynolds  
DN: cn = Kenneth Greynolds, email = kgreynolds@wv.gov, c = US, o = WVDEP Oil & Gas and Gas  
Date: 2023.01.25 09:20:08 -0500

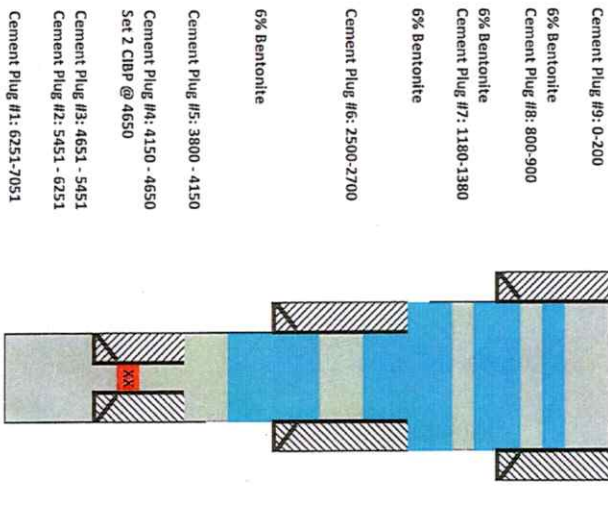
02/10/2023

API No 47-097-02666  
 Farm Payne, Robert E  
 Well # Robert E Payne #4  
 County Upshur  
 TD 7051  
 Elevation 1280  
 Fresh Water 118  
 Coal 848-853  
 Casing 9-5/8: 912  
 7": 2755  
 3-1/2": 5069  
 Perfs 2615-2622 Squeezed  
 4888-4892 Squeezed

Existing Wellbore



Proposed Wellbore



PLUGGING PROCEDURE

- 1 Kill well via bullhead
- 2 Nipple up BOPs
- 3 Clean out well to TD
- 4 Run Tubing to TD
- 5 Establish Circulation w/ FW, Load Hole w/ FW
- 6 Set Cement Plug #1 (balanced Plug), TOOH
- 7 Set Cement Plug #2 (balanced Plug), TOOH
- 8 Tag TOC
- 9 Set Cement Plug #3 (balanced Plug), TOOH
- 10 Tag TOC
- 11 Run CBL to Determine TOC on 3.5" Tubing
- 12 Set 2 CIBP inside 3.5" tubing
- 13 Set Cement Plug #4 (balanced Plug), TOOH
- 14 Shoot off 3.5" Tubing, and recover
- 15 Set Cement Plug #5 (balanced Plug), TOOH
- 16 Tag TOC
- 17 Run CBL to Determine TOC on 7" Casing
- 18 Set Cement Plug #6 (balanced Plug), TOOH
- 19 Tag TOC
- 20 Shoot off 7" Casing and recover
- 21 Set Cement Plug #7 (balanced Plug), TOOH
- 22 Tag TOC
- 23 Set Cement Plug #8 (balanced Plug), TOOH
- 24 Tag TOC
- 25 Set Cement Plug #9 (balanced Plug)
- 26 Install Monument

RECEIVED  
Office of Oil and Gas

JAN 30 2023

WV Department of  
Environmental Protection

Kenneth Greynolds

Digitally signed by Kenneth Greynolds  
 DN: cn=Kenneth Greynolds, o=O&G, ou=O&G, email=kgreynolds@wv.gov, c=US  
 Date: 2023.01.23 09:31:49 -0500

*kgreynolds*



02/10/2023

WR-35

29-May-92

API # 47- 97-02666 D

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

Well Operator's Report of Well Work

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Office of Oil & Gas  
OCT 07 92  
WV Division of  
Environmental Protection

Farm name: PAYNE ROBERT E Operator Well No.: PAYNE 4

LOCATION: Elevation: 1280.00 Quadrangle: BERLIN

District: WARREN County: UPSHUR  
Latitude: 8550 Feet South of 39 Deg. 7 Min. 30 Sec.  
Longitude: 12050 Feet West of 80 Deg. 15 Min. 0 Sec.

Company: PAYNE, ROBERT E.  
ROUTE 3, BOX 90H2  
WESTON, WV 26452-0000

Agent: ROBERT E. PAYNE

Inspector: TIM BENNETT  
Permit Issued: 05/29/92  
Well work Commenced: 09/03/92  
Well work Completed: 09/22/92  
Verbal Plugging  
Permission granted on: N/A  
Rotary Cable Rig  
Total Depth (feet) 7061  
Fresh water depths (ft) NONE  
Salt water depths (ft) NONE  
Is coal being mined in area (Y/N)? Y  
Coal Depths (ft): N/A

Casing & Tubing Size	Used in Drilling	Left in Well	Cement Fill Up Cu. Ft.
9 5/8	912	912	325 sx
7"	2755	2755	250 sx
3 1/2"	5069	5069	100 sx

TOC 2  
4400'

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OPEN FLOW DATA

Producing formation ALLEGANY Pay zone depth (ft) 4584-95  
 Gas: Initial open flow 0 MCF/d Oil: Initial open flow 0 Bbl/d  
 Final open flow 189 MCF/d Final open flow 0 Bbl/d  
 Time of open flow between initial and final tests 15 Hours  
 Static rock Pressure 1170 psig (surface pressure) after 48 Hours

Second producing formation None Pay zone depth (ft) \_\_\_\_\_  
 Gas: Initial open flow \_\_\_\_\_ MCF/d Oil: Initial open flow \_\_\_\_\_ Bbl/d  
 Final open flow \_\_\_\_\_ MCF/d Final open flow \_\_\_\_\_ Bbl/d  
 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.

Reviewed TML  
Recorded \_\_\_\_\_

For: PAYNE, ROBERT E.  
By: Robert E Payne  
Date: OCT 6, 1992

UPSH 2666 D

4709702463P

PERFORATIONS

PERFORATIONS : 4888-4892 w/ 16 HOLES

FRACTURED

FRACTURED : 40,000 # 20-40 SAND  
 500 g. 15% HCL  
 613 BBLs GEL WATER  
 DATE : 9/22/92

WELL LOG : WELL DRILLED DEEPER FROM 2630'

FORMATION	TOP	BOTTOM	REMARKS
SHALE	2630	3010	HOLE
SAND & SHALE	3010	3550	DUSTED
BALITOWN	3550	3760	TO TD
SHALE	3760	4514	
BENSON	4514	4523	
SAND & SHALE	4523	4884	
ALEXANDER	4884	4894	
SAND & SHALE	4894	5032	
SAND	5032	5095	
SHALE	5095	5165	
SAND & SHALE	5165	5410	
SHALE	5410	6610	
SAND	6610	6660	
SHALE	6660	6820	
SAND	6820	6910	
SHALE	6910	7061 TD	

13619

IV-35  
(Rev 8-81)

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WV Division of  
Environmental Protection  
APR 24 92  
Permitting  
Office of Oil & Gas



STATE OF WEST VIRGINIA  
DEPARTMENT OF MINES

Date August 31, 1984  
Operator's  
Well No. 4  
Farm Robert E. Payne  
API No. 47-097-2666

4709702666P  
02/10/2023

OIL and GAS DIVISION  
WELL OPERATOR'S REPORT  
OF

DRILLING, FRACTURING AND/OR STIMULATING, OR PHYSICAL CHANGE

WELL TYPE: OIL / GAS X / LIQUID INJECTION / WASTE DISPOSAL /  
(If "Gas", Production / Underground Storage / Deep / Shallow XX /)  
LOCATION: Elevation: 1280 Watershed Rooting Creek  
District: Warren County: Upshur Quadrangle: Berlin 7.5

COMPANY Robert E. Payne

ADDRESS Route 3, Box 90H2, Weston, WV.  
26452

DESIGNATED AGENT Same

ADDRESS \_\_\_\_\_

SURFACE OWNER Same

ADDRESS \_\_\_\_\_

MINERAL RIGHTS OWNER Same

ADDRESS \_\_\_\_\_

OIL AND GAS INSPECTOR FOR THIS WORK Phillip

Tracy ADDRESS Elkins, WV

PERMIT ISSUED August 9, 1984

DRILLING COMMENCED August 5, 1984

DRILLING COMPLETED August 17, 1984

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

Casing & Tubing Size	Used in Drilling	Left in Well	Cement fill up Cu. Ft.
20-16 Cond.			
13-10"	12 3/8-30'	None	Pulled
9 5/8"	912'	912'	325 Sx
8 5/8"			
7"	2755'	2755'	250 Sx
5 1/2"			
4 1/2"			
3			
2 1/2"		2585'	None
Liners used	None		

CTS

Top 21300'

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WV Department of Environmental Protection

GEOLOGICAL TARGET FORMATION: Bayard DEPTH: 2612 FEET

Depth of completed well 2830 feet Rotary XXX / Cable Tools  
Water Strata depth: Fresh 118 feet Salt 2015 feet  
Coal seam depth: 848-853 Is coal being mined in this area? No

OPEN FLOW DATA

Producing formation Bayard Pay zone depth 2612-24 feet  
Gas: Initial open flow 0 Mcf/d Oil: Initial open flow 0 Bbl/d  
Final open flow 119 Mcf/d Final open flow 0 Bbl/d  
Time of open flow between initial and final tests 4 hours

Static rock pressure 545 psig (surface measurement) after 24 hours shut-in  
(If applicable due to multiple completion--)

Second producing formation NA Pay zone depth \_\_\_\_\_ feet  
Gas: Initial open flow \_\_\_\_\_ Mcf/d Oil: Initial open flow \_\_\_\_\_ Bbl/d  
Final open flow \_\_\_\_\_ Mcf/d 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)



FORM IV-35  
(REVERSE)

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

Well was fractured  
Perforations: BAYNARD

2615-22 Perf. w/14 holes  
40,000# 20-40 Sand  
600 Bbls Gel water  
750 g. 15% HCL

WELL LOG

FORMATION COLOR HARD OR SOFT	TOP FEET	BOTTOM FEET	REMARKS Including indication of all fresh and salt water, coal, oil and gas
KB	0	10	
Soil & Clay	10	25	
Shale - Gray	25	30	
Sand - Brown	30	65	
Shale - Gray & Red	65	595	1/2" water @ 118'
Sand & Shale	595	848	
Coal	848	853	
Sand & Shale	853	1651	
Big Lime	1651	1785	
Big Injun	1785	1850	
Shale	1850	1995	
Gantz	1995	2070	1/2" water @ 2015'
Sand & Shale	2070	2180	
50' Sand	2180	2250	
Shale	2250	2420	
Forth Sand	2420	2470	
Shale	2470	2525	
Fifth Sand	2525	2550	
Sand & Shale	2550	2610	
Bayard	2610	2624	
Sand & Shale	2624	2830	TD

(Attach separate sheets as necessary)

Robert E. Payne  
Well Operator  
By: Robert E. Payne  
Vice President Oil & Gas Operations  
Date: August 31, 1984

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."

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Geology Information: View Map
COUNTY PERMIT TAX DISTRICT QUAD\_75 QUAD\_15 LAT\_DD LON\_DD UTIME UTMN
4709702666 Upshur 2666 Warren Berlin Weston 39.101601 -80.291848 561232.7 4328290.1

Well: County = 97 Permit = 02666 Link to all digital records for well

Report Time: Tuesday, February 07, 2023 11:23:10 AM

There is no Bottom Hole Location data for this well

4709702666

Owner Information:
API CMP\_DT SUFFIX STATUS SURFACE\_OWNER WELL\_NUM CO\_NUM LEASE LEASE\_NUM MINERAL\_OWN OPERATOR\_AT\_COMPLETION PROP\_VD PROP\_TRGT\_FM TFM\_EST\_PR
4709702666 8/17/1984 Original Loc Completed Robert E Payne 4
4709702666 9/22/1992 Drilled Deeper Completed Robert E Payne 4

Completion Information:

Table with columns: API, CMP\_DT, SPUD\_DT, ELEV DATUM, FIELD, DEEPEST\_FM, DEEPEST\_FMT, INITIAL\_CLASS, FINAL\_CLASS, TYPE, RIG, CMP\_MTHD, TVD, TMD, NEW\_FTG, KOD, G\_BEF, G\_AFT, O\_BEF, O\_AFT, NGL\_BEF, NGL\_AFT, P\_BEF, TI\_BEF, P

Pay/Show/Water Information:

Table with columns: API, CMP\_DT, ACTIVITY, PRODUCT, SECTION, DEPTH\_TOP, FM\_TOP, DEPTH\_BOT, FM\_BOT, G\_BEF, G\_AFT, O\_BEF, O\_AFT, WATER, QNTY

Production Gas Information: (Volumes in Mcf)

Table with columns: API, PRODUCING\_OPERATOR, PRD\_YEAR, ANN\_GAS, JAN, FEB, MAR, APR, MAY, JUN, JUL, AUG, SEP, OCT, NOV, DCM

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

Table with columns: API, PRODUCING\_OPERATOR, PRD\_YEAR, ANN\_OIL, JAN, FEB, MAR, APR, MAY, JUN, JUL, AUG, SEP, OCT, NOV, DCM

Interactive form for data selection: Select County: (097) Upshur, Select datatypes: Location, Production, Owner/Completion, Stratigraphy, Sample, Logs, Bim Hole Loc

- Table Descriptions
Country/Code Translations
Permit/Numbering Series
Usage Notes
Contract Information
Disclaimer
WVGES Main
Pipeline-Plus

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

API	PRODUCING_OPERATOR	PRD_YEAR	ANN_NGL	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DCM
4709702666	Payne, Robert E.	2019	0	0	0	0	0	0	0	0	0	0	0	0	0
4709702666	Payne, Robert E.	2020	0	0	0	0	0	0	0	0	0	0	0	0	0
4709702666	Payne, Robert E.	2021	0	0	0	0	0	0	0	0	0	0	0	0	0

Production Water Information: (Volumes in Gallons)

API	PRODUCING_OPERATOR	PRD_YEAR	ANN_WTR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DCM
4709702666	Payne, Robert E.	2019	0	0	0	0	0	0	0	0	0	0	0	0	0
4709702666	Payne, Robert E.	2020	0	0	0	0	0	0	0	0	0	0	0	0	0
4709702666	Payne, Robert E.	2021	0	0	0	0	0	0	0	0	0	0	0	0	0

Stratigraphy Information:

API	SUFFIX	FM	FM_QUALITY	DEPTH_TOP	DEPTH_BOTTOM	QUALITY	THICKNESS	THICKNESS	QUALITY	ELEV DATUM
4709702666		unidentified coal	Well Record	848	Reasonable	5	Reasonable	1290	Kelly Bushing	
4709702666		Greenhater Group	Well Record	1651	Reasonable	199	Reasonable	1290	Kelly Bushing	
4709702666		Big Lime	Well Record	1651	Reasonable	134	Reasonable	1290	Kelly Bushing	
4709702666		Big Injun (Grnb)	Well Record	1785	Reasonable	65	Reasonable	1290	Kelly Bushing	
4709702666		Gartz	Well Record	1995	Reasonable	75	Reasonable	1290	Kelly Bushing	
4709702666		Fifty-foot	Well Record	2180	Reasonable	70	Reasonable	1290	Kelly Bushing	
4709702666		Fourth	Well Record	2420	Reasonable	30	Reasonable	1290	Kelly Bushing	
4709702666		Fifth	Well Record	2525	Reasonable	25	Reasonable	1290	Kelly Bushing	
4709702666		Bayard	Well Record	2810	Reasonable	14	Reasonable	1290	Kelly Bushing	
4709702666		Dilled Deeper Balkwin	Well Record	3590	Reasonable	210	Reasonable	1280	Ground Level	
4709702666		Dilled Deeper Benson	Well Record	4314	Reasonable	9	Reasonable	1280	Ground Level	
4709702666		Dilled Deeper Alexander	Well Record	4884	Reasonable	10	Reasonable	1280	Ground Level	

Wireline (E-Log) Information:

\* There is no Scanned/Paper Log data for this well

- There is no Digitized Log data for this well

\* There is no Scanned or Digital Logs available for download

There is no Plugging data for this well

There is no Sample data for this well

WW-4A  
Revised 6-07

1) Date: January 20, 2023  
2) Operator's Well Number  
Robert Payne 4

3) API Well No.: 47 - 097 - 02666

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

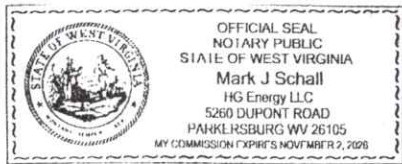
4) Surface Owner(s) to be served:	5) (a) Coal Operator
(a) Name <u>Robert &amp; Karen Payne</u>	Name <u>NA</u>
Address <u>1472 Old Elkins Road</u>	Address _____
<u>Buckhannon, WV 26201</u>	_____
(b) Name _____	(b) Coal Owner(s) with Declaration
Address _____	Name <u>NA</u>
_____	Address _____
(c) Name _____	Name _____
Address _____	Address _____
_____	_____
6) Inspector <u>Ken Greynolds</u>	(c) Coal Lessee with Declaration
Address <u>613 Broad Run Road</u>	Name <u>NA</u>
<u>Jane Lew, WV 26378</u>	Address _____
Telephone <u>304-206-6613</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	<u>Robert Payne</u>
By:	<u>Diane White</u> <i>Diane White</i>
Its:	Agent
Address	<u>1472 Old Elkins Road</u>
	<u>Buckhannon, WV 26201</u>
Telephone	<u>304-420-1119</u>

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Office of Oil and Gas  
JAN 30 2023

Subscribed and sworn before me this 20 day of JANUARY, 2023

My Commission Expires 11/2/2026

Notary Public

WV Department of Environmental Protection

**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 [depprivacyoffier@wv.gov](mailto:depprivacyoffier@wv.gov).





**HG Energy, LLC**  
5260 Dupont Road  
Parkersburg, WV 26101  
(304) 420-1100 - Office  
(304) 863-3172 - Fax

02/10/2023  
4709702666

January 20, 2023

Robert & Karen Payne  
1472 Old Elkins Road  
Buckhannon, WV 26201

RE: Robert Payne No 4 (47-097-02666)  
Warren District, Upshur County  
West Virginia

Dear Landowner:

Enclosed are copies of various application papers that we have filed with the West Virginia Department of Environmental Protection (WVDEP), Office of Oil and Gas. A well work (plugging) permit is being requested for the above-referenced well.

Pursuant to WV Code Chapter 22B, Article 6, you are receiving copies of this correspondence because the well or other anticipated disturbance is located on your surface property. Your rights as a landowner are detailed in the enclosed permit application papers.

No action on your part is required. If you have any questions or comments regarding this application, you may call this office at (304) 420-1119.

Very truly yours,

*Diane White*

Diane White

Enclosures

cc - Ken Greynolds – WV DEP State Inspector

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Office of Oil and Gas  
JAN 30 2023  
WV Department of  
Environmental Protection



4709702066 02/10/2023

702J 0350 000J 5706 8148

U.S. Postal Service™  
CERTIFIED MAIL® RECEIPT  
Domestic Mail Only

For delivery information, visit our website at [www.usps.com](http://www.usps.com)™.

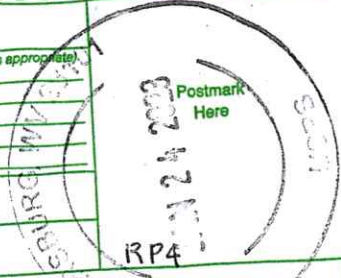
OFFICIAL USE

Certified Mail Fee

- Extra Services & Fees (check box, add fee as appropriate)
- Return Receipt (hardcopy) \$
  - Return Receipt (electronic) \$
  - Certified Mail Restricted Delivery \$
  - Adult Signature Required \$
  - Adult Signature Restricted Delivery \$

Postage

Total Postage and Fees



Sent To Robert & Karen Payne  
 Street and Apt. No., or PO Box No. 1472 Old Elkins Road  
 City, State, ZIP+4® Buckhannon WV 26201

SURFACE OWNER WAIVER

4709702666 02/19/2023

Operator's Well Number

Robert Payne 4

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

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Office of Oil and Gas
JAN 30 2023
WV Department of Environmental Protection

4709702666 P  
02/10/2023

WW-9  
(5/16)

API Number 47 - 097 - 02666  
Operator's Well No. \_\_\_\_\_

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

Operator Name Robert Payne OP Code 306536

Watershed (HUC 10) Rooting Creek Quadrangle Berlin

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: NA

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

Proposed Disposal Method For Treated Pit Wastes:

- Land Application (if selected provide a completed form WW-9-GPP)
- Underground Injection ( UIC Permit Number \_\_\_\_\_)
- Reuse (at API Number \_\_\_\_\_)
- Off Site Disposal (Supply form WW-9 for disposal location)
- Other (Explain No fluids or waste is anticipated. Any well effluent found will be disposed of at an authorized disposal site. \_\_\_\_\_)

Will closed loop system be used? If so, describe: No

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

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

Additives to be used in drilling medium? NA

Drill cuttings disposal method? Leave in pit, landfill, removed offsite, etc. If any, remove to approved offsite disposal

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

-Landfill or offsite name/permit number? NA

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.

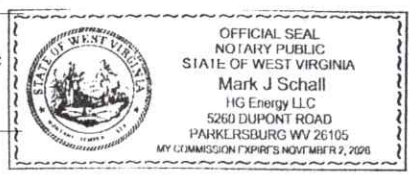
Company Official Signature Diane White  
Company Official (Typed Name) Diane White  
Company Official Title Agent

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JAN 30 2023  
WV Department of  
Environmental Protection

Subscribed and sworn before me this 20 day of JANUARY, 20 23

[Signature] Notary Public

My commission expires 11/2/2026



Form WW-9

Operator's Well No. \_\_\_\_\_

Proposed Revegetation Treatment: Acres Disturbed .5 acre Prevegetation pH \_\_\_\_\_

Lime 3 Tons/acre or to correct to pH 6.5

Fertilizer type 10/20/20

Fertilizer amount 500 lbs/acre

Mulch Straw 2 Tons/acre

**Seed Mixtures**

Temporary		Permanent	
Seed Type	lbs/acre	Seed Type	lbs/acre
Tall Fescue	40	Tall Fescue	40
Latino Clover	5	Latino Clover	5

**\*\* Sediment Control Will Be In Place At All Times \*\***

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@gowest.com, c = AD, o =  
WY/REG-03 - Oil and Gas  
Date: 2023.01.25 09:52:38 -0500

Comments: \_\_\_\_\_

\_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_

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JAN 30 2023

WV Department of  
Environmental Protection

Title: \_\_\_\_\_ Date: 11/25/2023

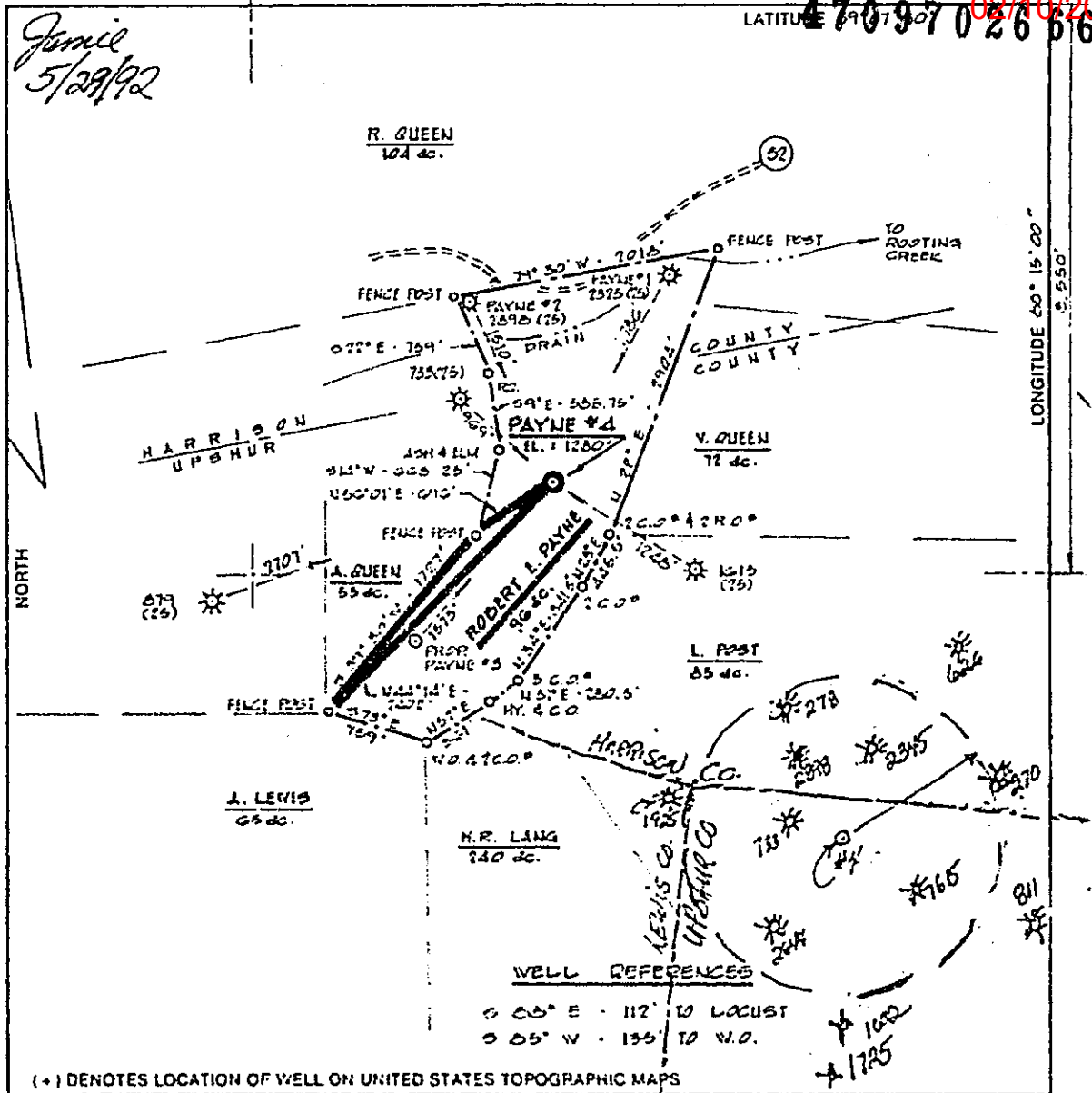
Field Reviewed? ( ) Yes ( ) No



*Jamil*  
5/29/92

12,050'

LATITUDE 39° 07' 02.6" N  
LONGITUDE 80° 15' 00" W

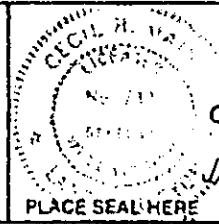


**WELL REFERENCES**  
 \* 05° E - 112' TO LOCUST  
 \* 05° W - 135' TO W.O.

(\*) DENOTES LOCATION OF WELL ON UNITED STATES TOPOGRAPHIC MAPS

FILE NO. 06/100  
 DRAWING NO. \_\_\_\_\_  
 SCALE 1" = 1200'  
 MINIMUM DEGREE OF ACCURACY 1:1000  
 PROVEN SOURCE OF ELEVATION PAYNE #1 WELL  
ELEV. = 1205'

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) Cecil R. Main  
 R.P.E. \_\_\_\_\_ L.L.S. III



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 JAN 30 2023  
 WV Department of Environmental Protection

**STATE OF WEST VIRGINIA**  
 DEPARTMENT OF MINES  
**OIL AND GAS DIVISION**

DATE J. H. 12-24  
 OPERATOR'S WELL NO. PAYNE #4  
 API WELL NO. 47-097-2666-DD  
 STATE COUNTY PERMIT

WELL TYPE: OIL  GAS  LIQUID INJECTION  WASTE DISPOSAL   
 (IF "GAS," ) PRODUCTION  STORAGE  DEEP  SHALLOW

LOCATION: ELEVATION 1100' WATERSHED RASTING CREEK  
 DISTRICT WARRON COUNTY UPSHUR  
 QUADRANGLE BERLIN 7.5'

SURFACE OWNER ROBERT E. PAYNE ACREAGE 90  
 OIL & GAS ROYALTY OWNER ROBERT E. PAYNE LEASE ACREAGE 40  
 LEASE NO. \_\_\_\_\_

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 DAYARD ESTIMATED DEPTH 2500'  
 WELL OPERATOR ROBERT E. PAYNE DESIGNATED AGENT ROBERT E. PAYNE  
 ADDRESS RT # 5, BOX #2 H2 ADDRESS RT # 5, BOX #2 H2  
WESTON, WEST VIRGINIA, 26162 WESTON, WEST VIRGINIA, 26162

FORM 146 (8-78)  
 STATE OF WEST VIRGINIA

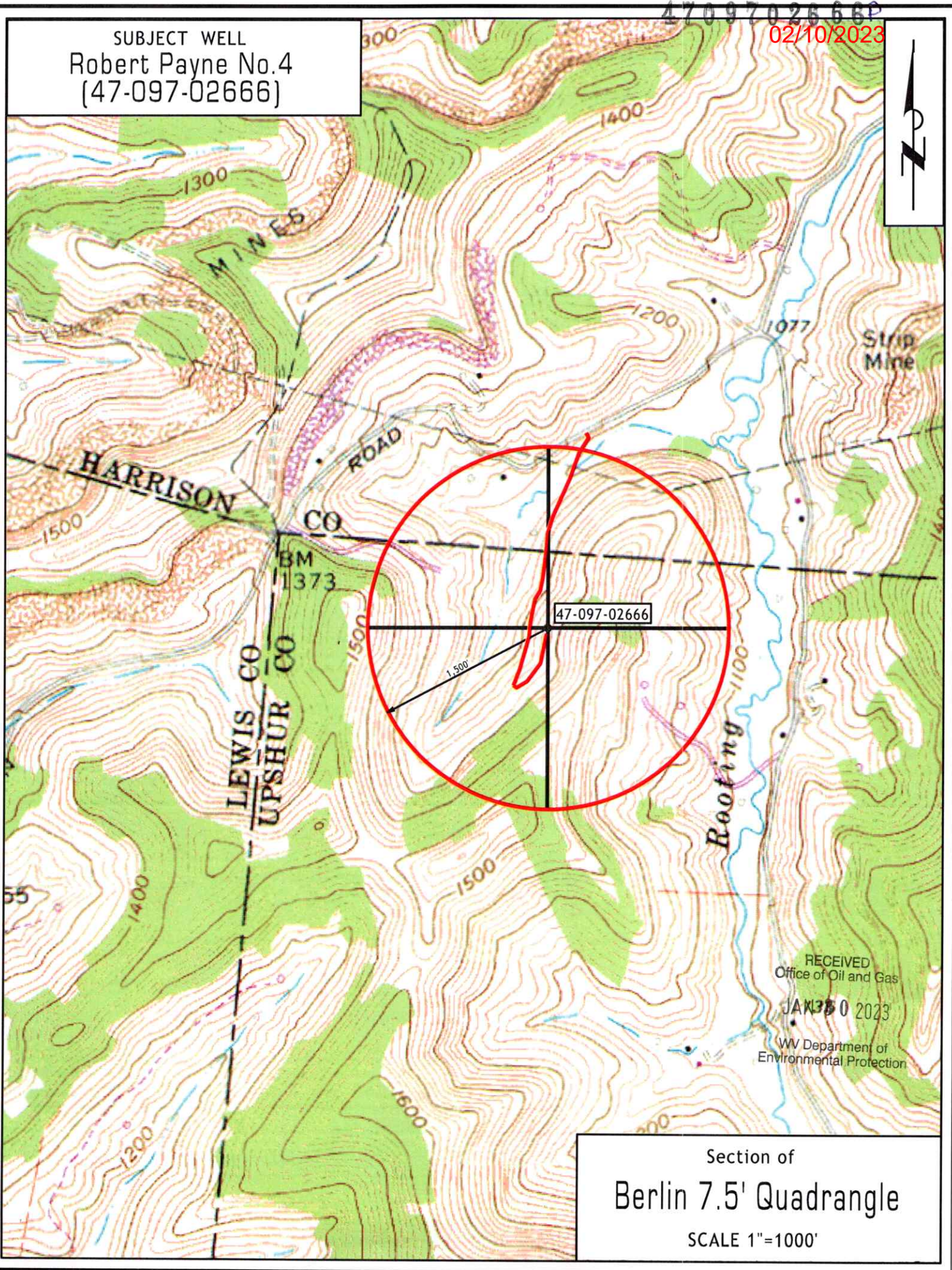
267 UP SHUR  
 COUNTY NAME  
 2666 DD  
 PERMIT



47-097-02666P

02/10/2023

SUBJECT WELL  
Robert Payne No.4  
(47-097-02666)



Strip Mine

HARRISON

CO

LEWIS CO  
UPSHUR CO

47-097-02666

Rooting

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JAN 30 2023

WV Department of  
Environmental Protection

Section of  
Berlin 7.5' Quadrangle  
SCALE 1"=1000'



West Virginia Department of Environmental Protection  
Office of Oil & Gas

**WELL LOCATION FORM: GPS**

API: 47- 097 - 02666 WELL NO: 4

FARM NAME: Robert E. Payne

RESPONSIBLE PARTY NAME: HG Energy, LLC

COUNTY: Upshur DISTRICT: Warren

QUADRANGLE: Berlin 7.5'

SURFACE OWNER: Robert & Karen Sue Payne

ROYALTY OWNER: HG Energy, LLC et al.

UTM GPS NORTHING: 4,328,285

UTM GPS EASTING: 561,189 GPS ELEVATION: (1289')  
393 m.

The Responsible Party named above has chosen to submit GPS coordinates in lieu of preparing a new well location plat for a plugging permit on the above well. The Office of Oil & 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	<input type="checkbox"/>	Post Processed Differential	<input type="checkbox"/>
		Real-Time Differential	<input type="checkbox"/>
Mapping Grade GPS	<input checked="" type="checkbox"/>	Post Processed Differential	<input checked="" type="checkbox"/>
		Real-Time Differential	<input type="checkbox"/>

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WV Department of  
Environmental Protection

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.

Diane C. White Diane C. White  
Signature

Designated Agent  
Title

December 28, 2022  
Date



**HG Energy, LLC**  
5260 Dupont Road  
Parkersburg, WV 26101  
(304) 420-1100 - Office  
(304) 863-3172 - Fax

02/10/2023

4709702666

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January 20, 2023

Jeff McLaughlin  
WVDEP  
Division of Oil & Gas  
601 57<sup>th</sup> Street  
Charleston, West Virginia 25304

RE: Robert Payne 4 (47-097-02666)  
Warren District, Upshur County  
West Virginia

Dear Mr. McLaughlin:

Enclosed are Forms WW-4(A), WW-4(B), WW-9, WW-7, OP-1, topo map, well record and copy of certified mailing receipt for a plugging application. As a part of an Area Review in preparation for the Scranage 1204 drilling program the well will be plugged to avoid any possible communication with the 1204 wells. I'm being added as an agent for the Operator in order to facilitate the plugging application paperwork for Mr. Payne.

Please let me know if you have any questions or need further information. I can be reached at 304-420-1119 or [dwhite@hgenergyllc.com](mailto:dwhite@hgenergyllc.com).

Yours Truly,

*Diane White*

Diane White

Enclosures

cc: Robert Payne – Certified  
Ken Greynolds – WV DEP State Inspector

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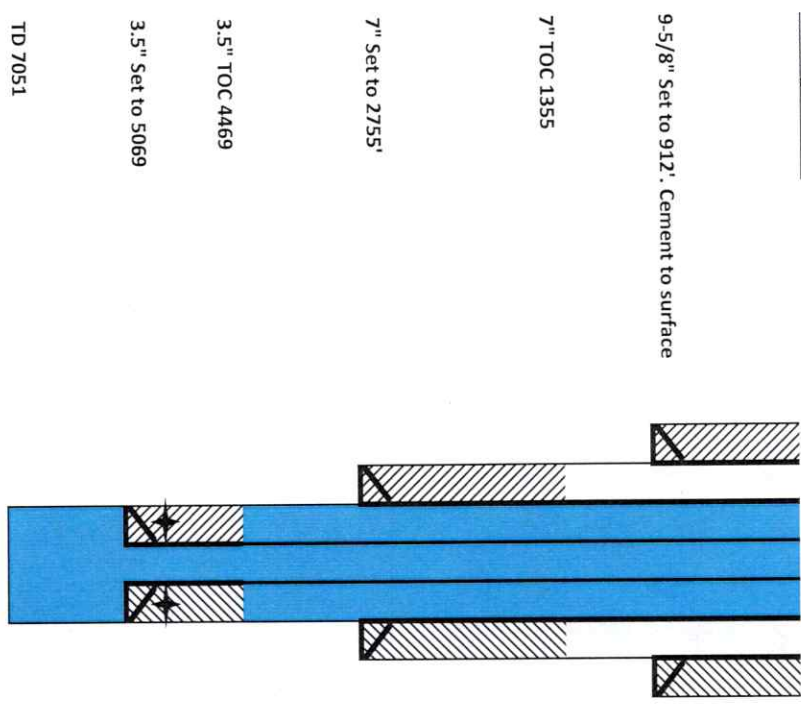


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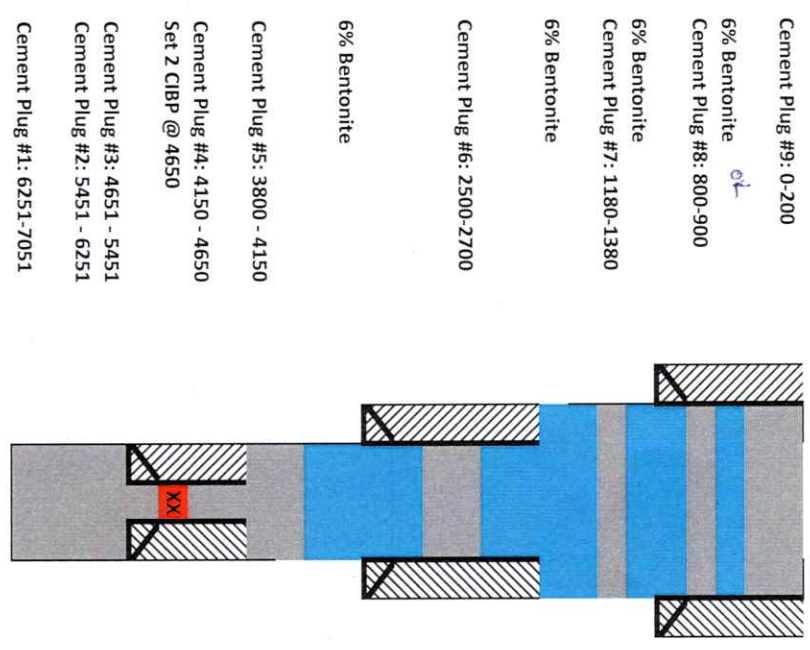
02/10/2023

API No 47-097-02666  
 Farm Payne, Robert E  
 Well # Robert E Payne #4  
 County Upshur  
 TD 7051  
 Elevation 1280  
 Fresh Water 118  
 Coal 848-853  
 Casing 9-5/8: 912  
 7": 2755  
 3-1/2": 5069  
 Perfs 2568 Squeezed  
 2615-2622 Squeezed  
 4888-4892

Existing Wellbore



Proposed Wellbore



9-5/8 Set 912' Cement to surface  
 7" TOC 1355  
 7" Set to 2755  
 3-1/2" TOC 4469  
 3-1/2" Set to 5069  
 TD 7051

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 JAN 30 2023  
 WV Department of  
 Environmental Protection

PLUGGING PROCEDURE

- 1 Kill well via bullhead
- 2 Nipple up BOPs
- 3 Clean out well to TD
- 4 Run Tubing to TD
- 5 Establish Circulation w/ FW, Load Hole w/ FW
- 6 Set Cement Plug #1 (Balanced Plug), TOOH
- 7 Set Cement Plug #2 (Balanced Plug), TOOH
- 8 Tag TOC
- 9 Set Cement Plug #3 (Balanced Plug), TOOH
- 10 Tag TOC
- 11 Run CBL to Determine TOC on 3.5" Tubing
- 12 Set 2 CIBP inside 3.5" tubing
- 13 Set Cement Plug #4 (Balanced Plug), TOOH
- 14 Shoot off 3.5" Tubing, and recover
- 15 Set Cement Plug #5 (Balanced Plug), TOOH
- 16 Tag TOC
- 17 Run CBL to Determine TOC on 7" Casing
- 18 Set Cement Plug #6 (Balanced Plug), TOOH
- 19 Tag TOC
- 20 Shoot off 7" Casing and recover
- 21 Set Cement Plug #7 (Balanced Plug), TOOH
- 22 Tag TOC
- 23 Set Cement Plug #8 (Balanced Plug), TOOH
- 24 Tag TOC
- 25 Set Cement Plug #9 (Balanced Plug)
- 26 Install Monument

*FRESH WATER R. MUST BE  
 REPLACED W/ GEL SLURRY.*

*g/w/wh*

02/10/2023



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

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## plugging permit issued 4709702666

1 message

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

Tue, Feb 7, 2023 at 1:15 PM

To: Diane White <dwhite@hgenergyllc.com>, Kenneth L Greynolds <kenneth.l.greynolds@wv.gov>, rromano2@harrisoncountywv.com


To whom it may concern a plugging permit has been issued for 4709702666.


James Kennedy

WVDEP OOG

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### 2 attachments

 **4709702666.pdf**  
3226K

 **IR-8 4709702666.pdf**  
120K