



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, April 6, 2023
WELL WORK PLUGGING PERMIT
Vertical Plugging

UNKNOWN - DEP PAID PLUGGING CONTRACT
601 57TH STREET

CHARLESTON, WV 25304

Re: Permit approval for 1
47-091-00079-00-00

This well work permit is evidence of permission granted to perform the specified well work at the location described on the attached pages and located on the attached plat, subject to the provisions of Chapter 22 of the West Virginia Code of 1931, as amended, and all rules and regulations promulgated thereunder, and to any additional specific conditions and provisions outlined in the pages attached hereto. Notification shall be given by the operator to the Oil and Gas Inspector at least 24 hours prior to the construction of roads, locations, and/or pits for any permitted work. In addition, the well operator shall notify the same inspector 24 hours before any actual well work is commenced and prior to running and cementing casing. Spills or emergency discharges must be promptly reported by the operator to 1-800-642-3074 and to the Oil and Gas Inspector.

Upon completion of the plugging well work, the above named operator will reclaim the site according to the provisions of WV Code 22-6-30. Please be advised that form WR-38, Affidavit of Plugging and Filling Well, is to be submitted to this office within 90 days of completion of permitted well work, as should form WR-34 Discharge Monitoring Report within 30 days of discharge of pits, if applicable. Failure to abide by all statutory and regulatory provisions governing all duties and operations hereunder may result in suspension or revocation of this permit and, in addition, may result in civil and/or criminal penalties being imposed upon the operators.

Per 35 CSR 4-5.2.g this permit will expire in two (2) years from the issue date unless permitted well work is commenced. If there are any questions, please feel free to contact me at (304) 926- 0450.

James A. Martin
Chief

Operator's Well Number:
Farm Name: THORN, WILLIAM D.
U.S. WELL NUMBER: 47-091-00079-00-00
Vertical Plugging
Date Issued: 4/6/2023

Promoting a healthy environment.

04/07/2023

4709100079

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. 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.
2. Well work activities shall not constitute a hazard to the safety of persons.

04/07/2023

1) Date 3/17, 20 23
 2) Operator's
 Well No. William D. Thorn #1
 3) API Well No. 47-091 - 00079

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 1370 Watershed Lower Tygart Valley River
 District Fetterman County Taylor Quadrangle Gladesville
- 6) Well Operator Unknown - DEP Plugging Contract 7) Designated Agent H. Jason Harmon
 Address 604 57th Street, SE Address 601 57th Street, SE
Charleston, WV 25304 Charleston, WV 25304
- 8) Oil and Gas Inspector to be notified 9) Plugging Contractor
 Name Kenneth Greynolds Name Coastal Drilling East
 Address 613 Broad Run Road Address 130 Meadow Ridge Road
Jane Lew, WV 26378 Mount Morris, PA

- 10) Work Order: The work order for the manner of plugging this well is as follows:
1. Check pressures on all casing with a gauge. Blow down well into a grounded tank with secure line. 2
 2. MIRU. Begin plugging and abandonment operations. Check TD w/wireline. Notify WV OGO inspector of attainable bottom.
 3. TIH w/ 1 1/2" tubing and set solid 3,337' Class L cement plug from 4237' to 1400'. TOO H w. tubing. Allow cement to set. Plug may be set in 2 stages and tagged between stages.
 4. Determine free point on. If 5.5' free point is below elevation (1370'), set plug only up to the free point and pull 5.5 from the free point
 5. RU Wireline. Run CBL on 8 1/4" casing from 960'- surface. Determine free point on casing. If casing is free attempt to pull with 150' string weight, if not free notify inspector.
 7. Cut 8 1/4" csg. At free point 8 1/4" TOO H with casing. 8. TIH w. tubing to TOC, set solid Class L cement plug TOC to surface. (Salt water @ 550')
 9. Top off well to surface with solid cement as needed. 10. Erect monument with API#, date plugged, and company name,
 11. Reclaim location and road to WV-DEP specifications. *6% Gel Spacers may be omitted and replaced with Class L cement plugs.

RECEIVED
 Office of Oil and Gas
 MAR 20 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 L. Greynolds Date 3-16-23

04/07/2023

REMEDATION AND/OR PLUGGING WORK PLAN

(William D. Thorn #1 / API #47-091-00079)

Notify Inspector Specialist, Kenneth Greynolds @ 304.3146095. 613 Broad Run Road, Jane Lew, WV 26378. **Notification is required 24 hours prior to commencing plugging operations.**

1. Check pressures on all casing with a gauge. Blow down well into a grounded tank with secure line.
 2. MIRU. Begin plugging and abandonment operations. Check TD w/wireline. Notify WV OGO inspector of attainable bottom.
 3. TIH w/ 1 1/2" tubing and set solid 3,337' Class L cement plug from 4237' to 1060'. TOOH w. tubing. Allow cement to set. Plug may be set in 2 stages and tagged between stages.
 4. RU Wireline. Run CBL on 8 1/4" casing from 960' - surface. Determine free point on casing.
 5. Notify WV OGO inspector to discuss perforations and cut schedule.
 6. Cut 8 1/4" csg. At free point 8 1/4" TOOH with casing.
 7. TIH w. tubing to TOC, set solid Class L cement plug TOC to surface. (Salt water @ 550')
 8. Top off well to surface with solid cement as needed.
 9. Erect monument with API#, date plugged, and company name,
 10. Reclaim location and road to WV-DEP specifications.
- *6% Gel Spacers may be omitted and replaced with Class L cement plugs.

RECEIVED
Office of Oil and Gas
MAR 20 2023
WV Department of
Environmental Protection



STATE OF WEST VIRGINIA
DEPARTMENT OF MINES
OIL AND GAS DIVISION 7

4709100079

*Miss Phillips
for postage
4-18-66
103*

Quadrangle _____

Permit No. Tay-79

WELL RECORD

Oil or Gas Well Gas
(KIND)

Company Floyd A. Gearhart
Address Box 291, Indiana, Pennsylvania
Farm William D. Thonn Acres _____

Location (waters) _____
Well No. one Elev. 1370'
District Fetterman County Taylor

The surface of tract is owned in fee by William D. Thonn
Address Grafton, W. Va.

Mineral rights are owned by W. D. Thonn (E) Grafton, W. Va.
Kenneth Menear (A) Address Grafton, W. Va.

Drilling commenced October 6, 1965
Drilling completed January 4, 1966

Date Shot _____ From _____ To _____
With _____

Open Flow 1/10ths Water in _____ Inch

35,000 /10ths Merc. in _____ Inch

Volume unknown Cu. Ft.

Rock Pressure _____ lbs. _____ hrs.

Oil none bbls., 1st 24 hrs.

WELL ACIDIZED _____

WELL FRACTURED _____

RESULT AFTER TREATMENT _____

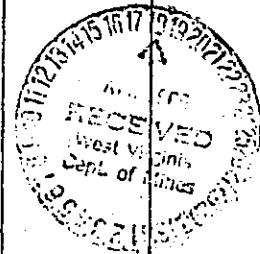
ROCK PRESSURE AFTER TREATMENT _____

Fresh Water none Feet _____

Salt Water one barrel per hour Feet 550'

Formation	Color	Hard or Soft	Top	Bottom	Oil, Gas or Water	Depth	Remarks
<u>1st and 2nd Salt Sands</u>			<u>435</u>	<u>610</u>	<u>salt water</u>	<u>550</u>	
<u>slate</u>			<u>610</u>	<u>615</u>			
<u>3rd salt sand</u>			<u>615</u>	<u>625</u>			
<u>slate</u>			<u>625</u>	<u>635</u>			
<u>lime</u>			<u>635</u>	<u>670</u>			
<u>slate</u>			<u>670</u>	<u>720</u>			
<u>lime</u>			<u>720</u>	<u>735</u>			
<u>Red rock</u>			<u>735</u>	<u>738</u>			
<u>lime</u>			<u>738</u>	<u>788</u>			
<u>Red rock</u>			<u>788</u>	<u>798</u>			
<u>lime</u>			<u>798</u>	<u>842</u>			
<u>sand</u>			<u>842</u>	<u>860</u>			
<u>lime</u>			<u>860</u>	<u>870</u>			
<u>Maxton sand</u>			<u>870</u>	<u>910</u>			
<u>slate</u>			<u>910</u>	<u>925</u>			
<u>lime</u>			<u>925</u>	<u>975</u>			
<u>slate</u>			<u>975</u>	<u>992</u>			
<u>lime</u>			<u>992</u>	<u>1025</u>			
<u>Red rock</u>			<u>1025</u>	<u>1035</u>			

RECEIVED
Office of Oil and Gas
MAR 20 2023
WV Department of
Environmental Protection



(over)

04/07/2023

4709100079

Formation	Color	Hard or Soft	Top 7	Bottom	Oil, Gas or Water	Depth Found	Remarks
Little Lane			1035	1040			
slate			1040	1065			
red rock			1065	1070			
Greenbrier or big lime			1070	1178			
Big Injun sand			1178	1270			
red rock			1270	1290			
slate and lime shells			1290	1318			
Squaw sand			1318	1370			
slate and shells			1370	1402			
sand (Weir)			1402	1452			
slate and lime shells			1452	1565			
sand (Berea)			1565	1590			
slate and shells			1590	1610			
sand			1610	1620			
slate and shells			1620	1650			
Gantz sand			1650	1673	gas	1650-1660	small show
lime			1673	1705			
sand			1705	1743			
lime			1743	1805			
red rock			1805	1810			
slate and shells			1810	1830			
red rock shells			1830	1900			
Gordon sand			1900	1902			
lime shell and red rock			1902	1960			
lime			1960	1985			
red rock			1985	2000			
lime			2000	2035			
red rock			2035	2050			
lime			2050	2105			
red rock			2105	2115			
5th sand			2115	2140			
lime			2140	2164			
red rock			2164	2200			
lime			2200	2270			
sand			2270	2290	gas	2274-2282'	35,000 cu ft
lime shells and shale			2290	3275			
gritty lime			3275	3390			
slate and shells			3390	3500			
lime			3500	3875			
slate and shells			3875	4055			
gritty lime			4055	4070			
slate and shells			4070	4237			
total depth				4237			

RECEIVED
Office of Oil and Gas
MAR 20 1966
WV Department of
Environmental Protection

Date April 15 1966
 APPROVED Floyd A. Gearhart Owner
 By Robert Bates (Geologist)
 (Title)

04/07/2023

4709100079

WW-4A
Revised 6-07

1) Date: 3/17/23
2) Operator's Well Number
William D. Thom #1

3) API Well No.: 47 - 091 - 00079

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>Jeff Thom</u>	Name _____
Address <u>3781 Victory Avenue</u>	Address _____
<u>Grafton, WV 26354</u>	
(b) Name _____	(b) Coal Owner(s) with Declaration
Address _____	Name _____
	Address _____
(c) Name _____	Name _____
Address _____	Address _____
6) Inspector <u>Kenneth Greynolds</u>	(c) Coal Lessee with Declaration
Address <u>613 Broad Run Road</u>	Name <u>Coalex Inc.</u>
<u>Jane Lew, WV 26378</u>	Address <u>534 Ashby Ridge Road</u>
Telephone <u>1-304-314-6095</u>	<u>Parkersburg, WV 26104</u>

TO THE PERSONS NAMED ABOVE: You should have received this Form and the following documents:

- (1) The application to Plug and Abandon a Well on Form WW-4B, which sets out the parties involved in the work and describes the well its and the plugging work order; and
- (2) The plat (surveyor's map) showing the well location on Form WW-6.

The reason you received these documents is that you have rights regarding the application which are summarized in the instructions on the reverse side. However, you are not required to take any action at all.

Take notice that under Chapter 22-6 of the West Virginia Code, the undersigned well operator proposes to file or has filed this Notice and Application and accompanying documents for a permit to plug and abandon a well with the Chief of the Office of Oil and Gas, West Virginia Department of Environmental Protection, with respect to the well at the location described on the attached Application and depicted on the attached Form WW-6. Copies of this Notice, the Application, and the plat have been mailed by registered or certified mail or delivered by hand to the person(s) named above (or by publication in certain circumstances) on or before the day of mailing or delivery to the Chief.



Well Operator Unknown - DEP Paid Plugging Contract
 By: Matthew Yearsley
 Its: Plugging Contractor
 Address 130 Madison Ridge Road
MT Morris, PA 15349
 Telephone 304-291-0175

Subscribed and sworn before me this 3 day of March 2023
Matthew Yearsley Notary Public

My Commission Expires June 8, 2027

RECEIVED
Office of Oil and Gas
MAR 20 2023

Oil and Gas Privacy Notice

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

WV Department of Environmental Protection

04/07/2023

4709100079

Surface Owner Notification and Class L Cement Waiver

7019 2970 0000 9288 9515

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

For delivery information, visit our website at www.usps.com®

Granton, WV 26354

OFFICIAL USE

Certified Mail Fee	\$4.15	0098
Extra Services & Fees (check box, add fee to postage)	\$7.25	04
<input type="checkbox"/> Return Receipt (hardcopy)	\$11.00	Postmark Here
<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	
Postage	\$2.70	03/17/2023
Total Postage and Fees	\$10.20	

Sent To: Mr. Jeff Thom
 Street and Apt. No., or PO Box No.: 3781 Victory Avenue
 City, State, ZIP+4: Granton, WV 26354

PS Form 3800, April 2015 PSN 7530-02-000-9047 See Reverse for Instructions

RECEIVED
 Office of Oil and Gas
 MAR 20 2023
 WV Department of
 Environmental Protection

04/07/2023

4709100079

William D. Thorn #1-Coal Lessee Notification

1 2970 0000 9288 9508

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

For delivery information, visit our website at www.usps.com™.

Partially Official Use

OFFICIAL USE

Certified Mail Fee	\$ 34.25
Extra Services & Fees (check box, add fees as appropriate)	
<input type="checkbox"/> Return Receipt (hardcopy)	\$
<input type="checkbox"/> Return Receipt (electronic)	\$
<input type="checkbox"/> Certified Mail Restricted Delivery	\$
<input type="checkbox"/> Adult Signature Required	\$
<input type="checkbox"/> Adult Signature Restricted Delivery	\$
Postage	\$ 50.00
Total Postage and Fees	\$ 84.25

Postmark Here
16 2023

RECEIVED
Office of Oil and Gas
MAR 20 2023
WV Department of
Environmental Protection

04/07/2023

WW-9
(5/16)

4709100079

API Number 47 - 091 - 00079
Operator's Well No. William D. Thorn #1

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

Operator Name Unknown -DEP Paid Plugging Contract OP Code _____
Watershed (HUC 10) Lower Tygart Valley River Quadrangle Gladesville

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: _____

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-CPP)
- Underground Injection (UIC Permit Number _____)
- 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: Yes, Gel will be circulated from tank through well bore.

Drilling medium anticipated for this well (vertical and horizontal)? Air, freshwater, oil based, etc. Freshwater gel and/or cement

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

Additives to be used in drilling medium? Bentonite, Bicarbonate of soda

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

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

-Landfill or offsite name/permit number? Meadow Hill, Landfill-permit # SWF 1032

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 *Matthew A. Yearley*

Company Official (Typed Name) Matthew A. Yearley

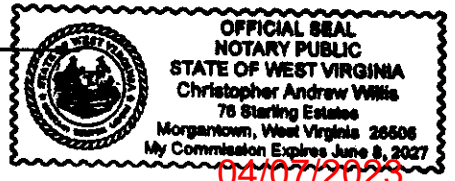
Company Official Title Business Operations Manager

RECEIVED
Office of Oil and Gas
MAR 20 2023

Subscribed and sworn before me this 3 day of March, 2023

Christy Schick Notary Public

My commission expires June 8, 2027



Proposed Revegetation Treatment: Acres Disturbed 0.12 Prevegetation pH _____

Lime 3 Tons/acre or to correct to pH 6.0

Fertilizer type 10-20-20 or Equivalent

Fertilizer amount 500 lbs/acre

Mulch 2 Tons/acre

Seed Mixtures

Temporary		Permanent	
Seed Type	lbs/acre	Seed Type	lbs/acre
See attached			

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: Thomas J. Reynolds

Comments: RECLAIM, SEED & MULCH ASAP

RECEIVED
Office of Oil and Gas
MAR 20 2023
WV Department of
Environmental Protection

Title: OIL & GAS INSPECTOR Date: 3-16-23

Field Reviewed? () Yes () No

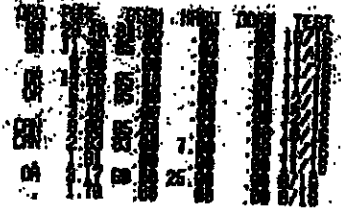
CAUDILL SEED

100% PURE WHITE BIRD SEED - 2 - HENDERSON KY 40321 - 913-4-4821

NOTICE TO CONSUMERS

CAUDILL SEED is a registered trademark of the
 company. The seed is produced in the United States
 and is guaranteed to be 100% pure white bird seed.
 The seed is produced in the United States and is
 guaranteed to be 100% pure white bird seed.
 The seed is produced in the United States and is
 guaranteed to be 100% pure white bird seed.

REGISTERED TRADE MARK
 NET WT. 50
 LBS. 2.27
 GROSS WT. 55
 LBS. 2.47
 NET WT. 50
 LBS. 2.27
 GROSS WT. 55
 LBS. 2.47



NOTICE TO CONSUMERS
 CAUDILL SEED is a registered trademark of the
 company. The seed is produced in the United States
 and is guaranteed to be 100% pure white bird seed.
 The seed is produced in the United States and is
 guaranteed to be 100% pure white bird seed.
 The seed is produced in the United States and is
 guaranteed to be 100% pure white bird seed.

NET WT. 50
 LBS. 2.27
 GROSS WT. 55
 LBS. 2.47

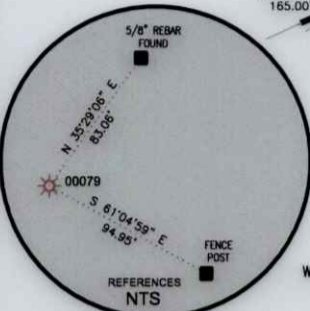
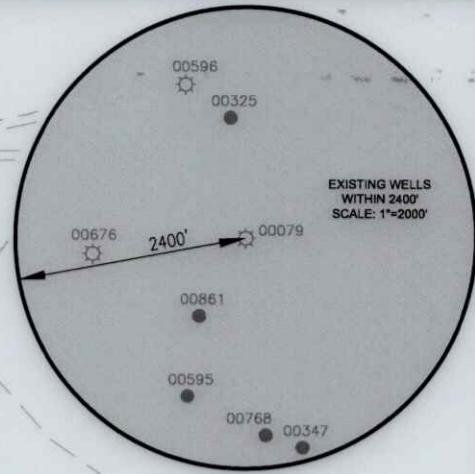
RECEIVED
 Office of Oil and Gas
 MAR 20 2023
 WV Department of
 Environmental Protection



CIVIL & ENVIRONMENTAL CONSULTANTS, INC.
120 GENESIS BOULEVARD
BRIDGEPORT, WV 26330
304-933-3119

SURFACE HOLE LOCATION (SHL):
UTM (NAD83, ZONE 17, METERS):
NORTHING: 4360106.188
EASTING: 589206.964

GRID NORTH
UTM, NAD83 DATUM, ZONE 17, US FT



ADJOINING OWNERS TABLE		
TRACT	SURFACE OWNER	TAX PARCEL
A	JOHN & MARGARET STALLINGS	6-11-49.26
B	RYAN A. STALLINGS	6-11-49.25
C	RONALD & SARA FAWCETT	6-11-49.28
D	RONALD G. & DOROTHY E. ZARA	6-11-49.22
E	JAMES MCDANIEL & SAMANTHA GERARD	6-11-49.27
F	JOHN H. & SALLY PICKENS	6-11-49.16
G	RONALD E. & SARA B. FAWCETT	6-11-49.7
H	RONALD & AMY E. GUTSHALL	6-11-49.18
I	AMY E. & RONALD GUTSHALL	6-11-49.6
J	NATHAN R. ANNON	6-11-49.9
K	MARK A. SHARON A. CICCONE	6-11-49.13
L	ROBERT L. ANGUS	6-12-108
M	MARGARET A. LANTZ	6-11-49.15
N	LONNIE & RUTH ANDERSON ET AL	6-12-41.1
O	EILEEN MORAN (LIFE)	6-12-78
P	JOHN WILLIAM III & MICHELLE ANN	6-12-79
Q	JAMES J. & PAMELA THORN	6-12-81.1

NOTES ON SURVEY
1. SURFACE AND ROYALTY OWNER INFORMATION AND THEIR BOUNDARIES SHOWN HEREON WERE PLOTTED FROM DEEDS AND/OR TAX PARCEL MAPS PROVIDED BY CLIENT AND/OR FIELD LOCATIONS.
2. THIS PLAT DOES NOT REPRESENT A BOUNDARY SURVEY OF THE PARCELS SHOWN HEREON.
3. ALL INSETS ARE GRID NORTH UNLESS OTHERWISE DEPICTED.

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 REGULATIONS ISSUED AND PRESCRIBED BY THE DEPARTMENT OF ENVIRONMENTAL PROTECTION.



P.S. 986 *Richard E. Adams*



(+) DENOTES LOCATION OF WELL ON UNITED STATES TOPOGRAPHIC MAPS
WVDEP
OFFICE OF OIL & GAS
601 57TH STREET
CHARLESTON, WV 25034

MINIMUM DEGREE OF ACCURACY: 1/200
SURVEY GRADE GPS
PROVEN SOURCE OF ELEVATION: (NAVD 88, US FT)

OPERATOR'S WELL #: W.D. THORN 1
API WELL #: 47 091 00079
STATE COUNTY PERMIT

WELL TYPE: OIL WASTE DISPOSAL PRODUCTION DEEP GAS LIQUID INJECTION STORAGE SHALLOW

WATERSHED: FETTER HOLLOW ELEVATION: 1378.81'

DISTRICT: FETTERMAN DISTRICT COUNTY: TAYLOR QUADRANGLE: GLADESVILLE

SURFACE OWNER: JOSEPH B. THORN HEIRS (JEFF THORN) ACREAGE: 66.98±

OIL & GAS ROYALTY OWNER: WILLIAM THORN AND KENNETH MENEAR ACREAGE: 130.00±

DRILL DRILL DEEPER REDRILL FRACTURE OR STIMULATE PLUG OFF OLD FORMATION PERFORATE NEW FORMATION

CONVERT PLUG & ABANDON CLEAN OUT & REPLUG OTHER CHANGE (SPECIFY) **04/07/2023**

TARGET FORMATION: BENSON ESTIMATED DEPTH: 423'

WELL OPERATOR: UNKNOWN-DEP PAID PLUGGING CONTRACT WVDEP DESIGNATED AGENT: H. JASON HARMON
ADDRESS: 601 57TH STREET, SE ADDRESS: 601 57TH STREET, SE
CITY: CHARLESTON STATE: WV ZIP CODE: 25304 CITY: CHARLESTON STATE: WV ZIP CODE: 25304

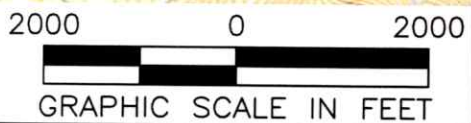
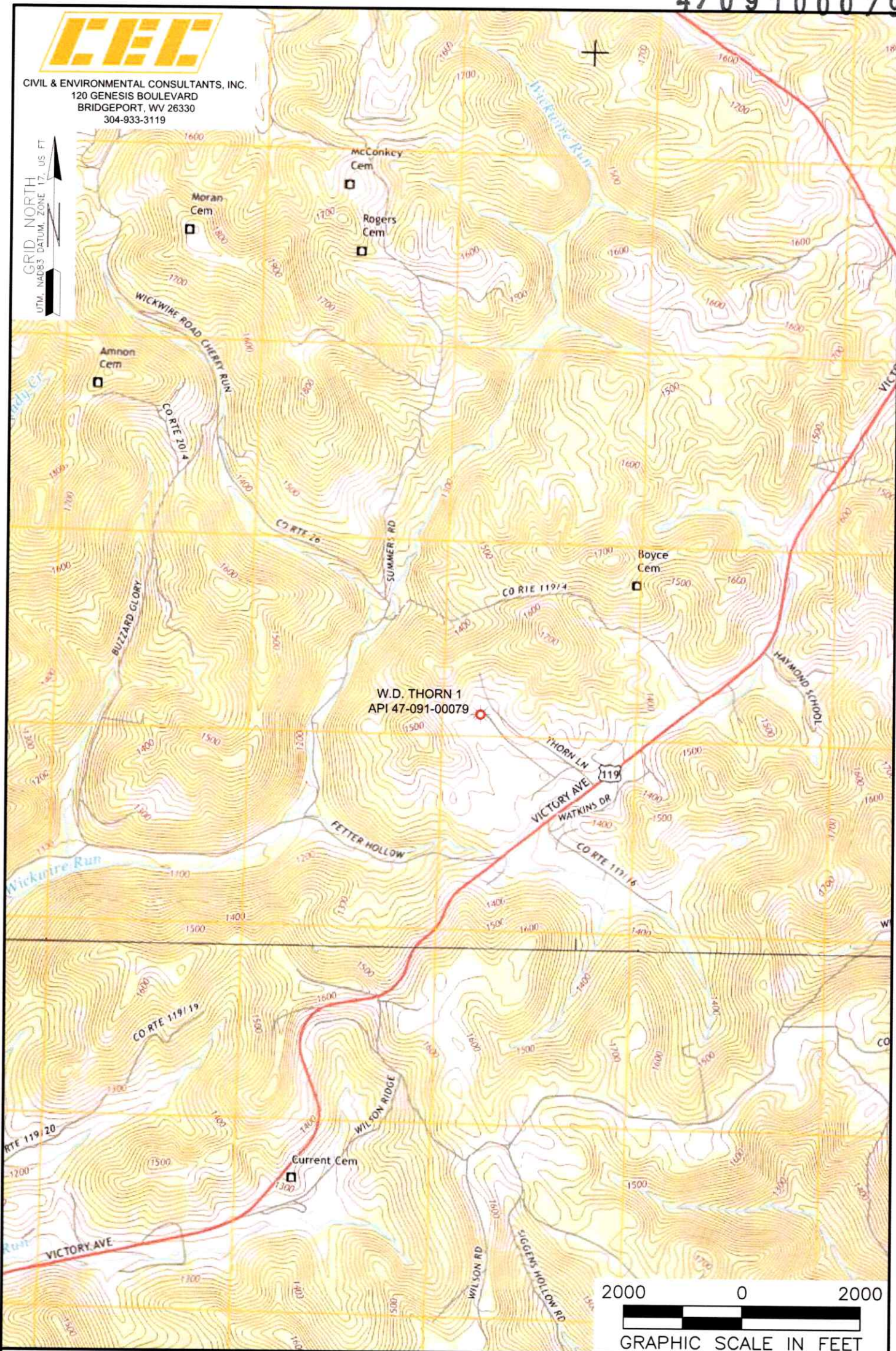
LEGEND: ☼ EXISTING / PRODUCING WELLHEAD --- LEASE BOUNDARY	REVISIONS:	DATE: 03-02-2023
		DRAWN BY: K.E.S.
		SCALE: 1" = 800'
		DRAWING NO: 324-513
		WELL LOCATION PLAT

Longitude: 79°57'30" SURFACE HOLE 11230'



CIVIL & ENVIRONMENTAL CONSULTANTS, INC.
 120 GENESIS BOULEVARD
 BRIDGEPORT, WV 26330
 304-933-3119

GRID NORTH
 UTM NAD83 DATUM, ZONE 17, US FT



NOTES ON SURVEY

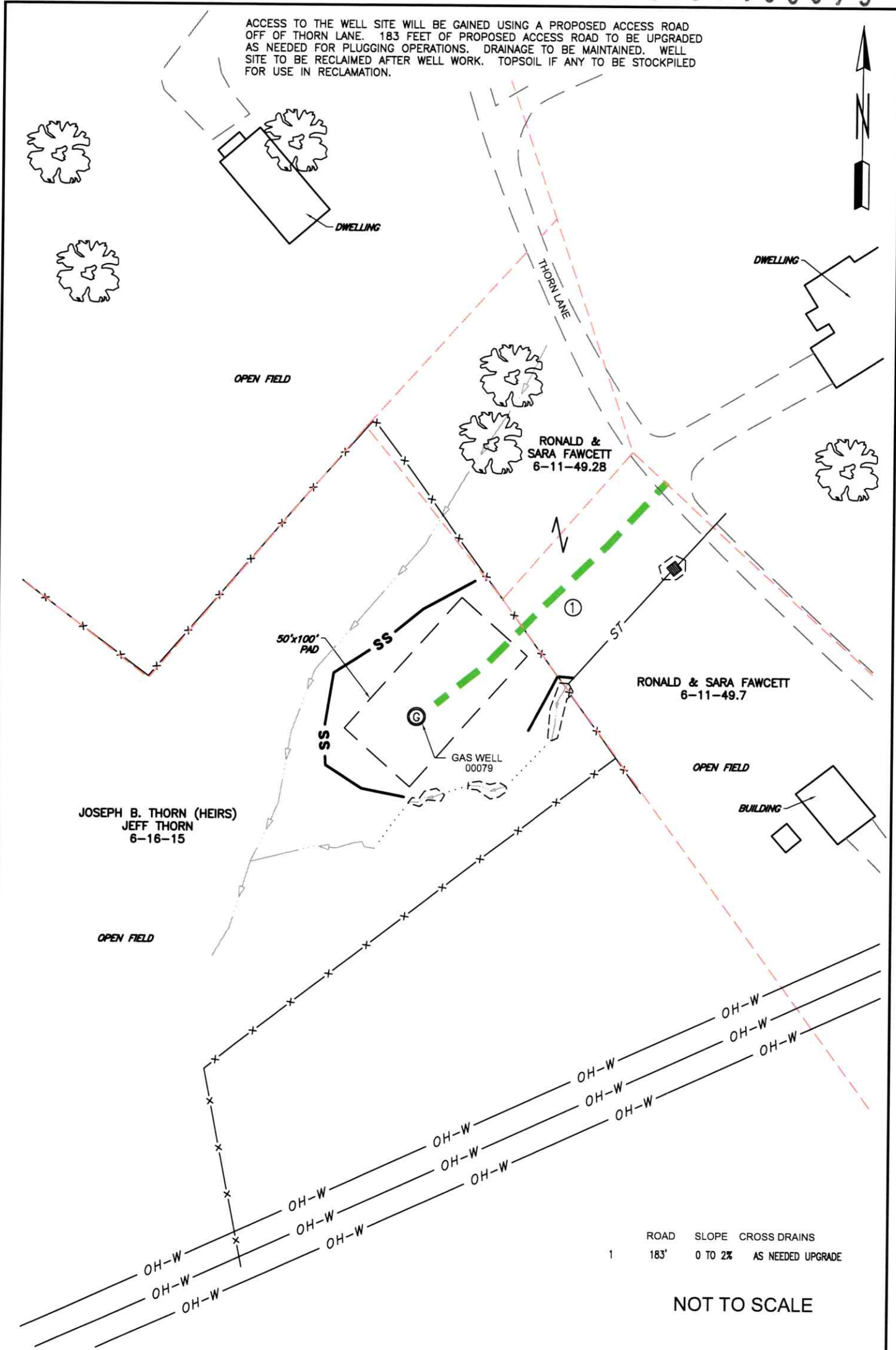
1. SURFACE AND ROYALTY OWNER INFORMATION AND THEIR BOUNDARIES SHOWN HEREON WERE PLOTTED FROM DEEDS AND/OR TAX PARCEL MAPS PROVIDED BY CLIENT AND/OR FIELD LOCATIONS.
2. THIS PLAT DOES NOT REPRESENT A BOUNDARY SURVEY OF THE PARCELS SHOWN HEREON.
3. ALL INSETS ARE GRID NORTH UNLESS OTHERWISE DEPICTED.

04/07/2023

- EXISTING SURFACE HOLE
- PROPOSED ROAD

WELL OPERATOR: UNKNOWN-DEP PAID PLUGGING CONTRACT WVDEP	WELL (FARM) NAME: W.D. THORN	WELL # 1
ADDRESS: 601 57TH STREET, SE, CHARLESTON, WV 25304	COUNTY - CODE TAYLOR - 091	DISTRICT; FETTERMAN DISTRICT
SURFACE OWNER: JOSEPH B. THORN HEIRS (JEFF THORN) 66.98± ACRES	USGS 7 1/2 QUADRANGLE MAP NAME GLADESVILLE, WV	

ACCESS TO THE WELL SITE WILL BE GAINED USING A PROPOSED ACCESS ROAD OFF OF THORN LANE. 183 FEET OF PROPOSED ACCESS ROAD TO BE UPGRADED AS NEEDED FOR PLUGGING OPERATIONS. DRAINAGE TO BE MAINTAINED. WELL SITE TO BE RECLAIMED AFTER WELL WORK. TOPSOIL IF ANY TO BE STOCKPILED FOR USE IN RECLAMATION.



ROAD SLOPE CROSS DRAINS
1 183' 0 TO 2% AS NEEDED UPGRADE

NOT TO SCALE

LEGEND:

EXISTING WELLHEAD	SILT FENCE
EXISTING POWER POLE	OVERHEAD ELECTRIC
EXISTING CATCH BASIN	STREAM
EXISTING CULVERT	TREE LINE
EXISTING SINK HOLES	DRAINAGE
UNDERGROUND DRAINAGE	LANDING PAD
	ACCESS ROAD

NOTES
1. NO PIT WILL BE CONSTRUCTED. TANKS WILL BE USED FOR FLUIDS.

04/07/2023

WELL OPERATOR: UNKNOWN-DEP PAID PLUGGING CONTRACT WVDEP		WELL (FARM) NAME: W.D. THORN	WELL # 1
ADDRESS: 601 57TH STREET, SE CHARLESTON, WV 25304		COUNTY - CODE TAYLOR - 091	DISTRICT; FETTERMAN
SURFACE OWNER: JOSEPH B. THORN (HEIRS) JEFF THORN		USGS 7 1/2 QUADRANGLE MAP NAME GLADESVILLE, WV	



STATE OF WEST VIRGINIA
DEPARTMENT OF MINES
OIL AND GAS DIVISION

NOTICE OF PROPOSED LOCATION OF OIL AND GAS WELL

To The DEPARTMENT OF MINES,
Charleston, W. Va.

COAL OPERATOR OR COAL OWNER	<u>Floyd A. Gearhart</u> NAME OF WELL OPERATOR
ADDRESS	<u>Box 291, Indiana, Pennsylvania</u> COMPLETE ADDRESS
COAL OPERATOR OR COAL OWNER	<u>August 31, 1965</u> PROPOSED LOCATION
ADDRESS	<u>Fetterman</u> District
<u>William D. Thorn & Kenneth Menear</u> OWNER OF MINERAL RIGHTS	<u>Taylor</u> County
<u>F.F.D. #3 Grafton, W. Va.</u> ADDRESS	Well No. <u>one (1)</u>
	<u>William D. Thorn</u> Farm <u>1370' 130' new</u>

GENTLEMEN:

The undersigned well operator is entitled to drill upon the above named farm or tract of land for oil and gas, having fee title thereto, (or as the case may be) under grant or lease dated August 3, 1965 made by Wm. D. Thorn & Kenneth Menear, to Floyd A. Gearhart, and recorded on the 31 day of August, in the office of the County Clerk for said County in Book 28, page _____.

The enclosed plat was prepared by a competent engineer and shows the proposed location of a well to be drilled for oil and gas by the undersigned well operator on the farm and in the Magisterial District and County above named, determined by survey and courses and distances from two permanent points, or land marks.

The undersigned well operator is informed and believes there are no coal operators operating beds of coal beneath said farm or tract of land on which said well is located, or within 500 feet of the boundaries of the same, who have mapped their workings and filed their maps as required by law, excepting the coal operators or coal owners (if any) above named as addressees.

The above named coal operators or coal owners (if any) are notified that any objections they may desire to make to such proposed location, or which they are required to make by Section 3 of said Code, if the drilling of a well at said proposed location will cause a dangerous condition in or about their respective coal mines, must be received by, or filed with the Department of Mines within ten days from the receipt of a copy of this notice and accompanying plat by said Department. Said coal operators are further notified that forms for use in making such objections will be furnished to them by the Department of Mines promptly on request and that all such objections must set forth as definitely as is reasonably possible the ground or grounds on which such objections are based and indicate the direction and distance the proposed location should be moved to overcome same.

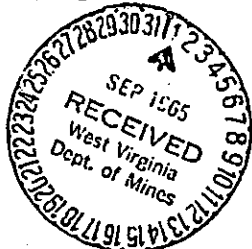
(The next paragraph is to be completed only in Department's copy.)

Copies of this notice and the enclosed plat were mailed by registered mail, or delivered to the above named coal operators or coal owners at their above shown respective address _____ day _____ before, or on the same day with the mailing or delivery of this copy to the Department of Mines at Charleston, West Virginia.

Very truly yours,

Floyd A. Gearhart
WELL OPERATOR

Address of Well Operator	<u>306 Poplar St.</u> STREET
	<u>Indiana</u> CITY OR TOWN
	<u>Pennsylvania</u> STATE



RECEIVED
Office of Oil and Gas

MAR 20 2023

WV Department of
Environmental Protection

*Section 3 If no such objections be filed or be found by the department of mines, within said period of ten days from the receipt of said notice and plat by the department of mines, to said proposed location, the department shall forthwith issue to the well operator a drilling permit reciting the filing of such plat, that no objections have been made by the coal operators to the location, or found thereto by the department, and that the same is approved and the well operator authorized to proceed to drill at said location.

TAY-79 PERMIT NUMBER

OND DRILL

04/07/2023

STATE OF WEST VIRGINIA
DEPARTMENT OF MINES
OIL AND GAS DIVISION

Rotary
Spudder
Cable Tools
Storage

INSPECTOR'S WELL REPORT

Permit No. TAY-79

Oil or Gas Well _____
(KIND)

Company <u>FLOYD GEARHART</u>	CASING AND TUBING	USED IN DRILLING	LEFT IN WELL	PACKERS
Address <u>INDIANNA, PENNSYLVANIA</u>	Size			
Farm <u>W.M. D. THORN</u>	16			Kind of Packer
Well No. <u>ONE</u>	13			
District <u>FETTERMAN</u> County <u>TAYLOR</u>	10			Size of
Drilling commenced _____	8 1/4			
Drilling completed _____ Total depth <u>160'</u>	6 3/4			Depth set
Date shot _____ Depth of shot _____	5 3/16			
Initial open flow _____ /10ths Water in _____ Inch	3			Perf. top
Open flow after tubing _____ /10ths Merc. in _____ Inch	2			Perf. bottom
Volume _____ Cu. Ft.	Liners Used			Perf. top
Rock pressure _____ lbs _____ hrs.				Perf. bottom
Oil _____ bbls., 1st 24 hrs.	CASING CEMENTED _____ SIZE _____ No. FT. _____ Date			
Fresh water _____ feet _____ feet	NAME OF SERVICE COMPANY _____			
Salt water _____ feet _____ feet	COAL WAS ENCOUNTERED AT _____ FEET _____ INCHES			
	_____ FEET _____ INCHES _____ FEET _____ INCHES			
	_____ FEET _____ INCHES _____ FEET _____ INCHES			

Office of Oil and Gas

MAR 20 2023

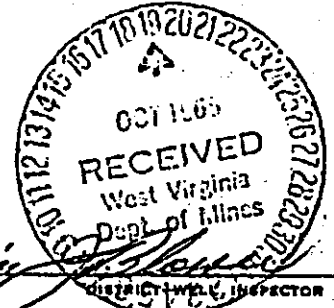
WV Department of Environmental Protection

Drillers' Names _____

Remarks:

CONTRACTOR. FRANK CHISLET

Oct-12-1965
DATE



04/07/2023

STATE OF WEST VIRGINIA
DEPARTMENT OF MINES
OIL AND GAS DIVISION

INSPECTOR'S WELL REPORT

Permit No. TAY-79

Oil or Gas Well _____
(KIND)

Company <u>Floyd Gearhart.</u>	CASING AND TUBING	USED IN DRILLING	LEFT IN WELL	PACKERS
Address <u>Indiana, Pennsylvania</u>	Size			
Farm <u>William D. Thorn</u>	16			Kind of Packer
Well No. <u>One</u>	13			
District <u>Petterman</u> County <u>Taylor</u>	10	315'		Size of
Drilling commenced _____	8 1/4			Depth set
Drilling completed <u>XXX</u> depth <u>465'</u>	6 3/4			
Date shot _____ Depth of shot _____	5 3/16			Perf. top
Initial open flow _____ /10ths Water in _____ Inch	3			Perf. bottom
Open flow after tubing _____ /10ths Merc. in _____ Inch	2			Perf. top
Volume _____ Cu. Ft.	Liners Used			Perf. bottom
Rock pressure _____ lbs _____ hrs.	CASING CEMENTED _____ SIZE _____ No. FT. _____ Date _____			
Oil _____ bbls., 1st 21 Ins.	COAL WAS ENCOUNTERED AT _____ FEET _____ INCHES			
Fresh water _____ feet _____ feet	_____ FEET _____ INCHES _____ FEET _____ INCHES			
Salt water _____ feet _____ feet	_____ FEET _____ INCHES _____ FEET _____ INCHES			

Drillers' Names _____

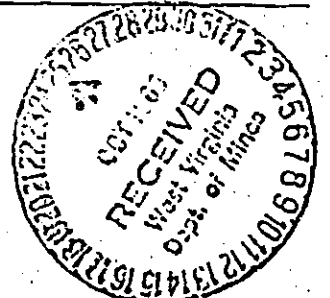
Remarks:

Contractor, Frank Chisler

RECEIVED
Office of Oil and Gas

MAR 20 2023

WV Department of
Environmental Protection



October 22, 1965
DATE

William J. Blosser
DISTRICT WELL INSPECTOR

04/07/2023

STATE OF WEST VIRGINIA
DEPARTMENT OF MINES
OIL AND GAS DIVISION

INSPECTOR'S WELL REPORT

Permit No. Tay-79

Oil or Gas Well _____
(KIND)

Company <u>Floyd Gearhart</u> Address <u>Indiana, Pennsylvania</u> Farm <u>William D. Thorn</u> Well No. <u>One</u> District <u>Fetterman</u> County <u>Taylor</u> Drilling commenced _____ Drilling completed _____ Total depth <u>860'</u> Date shot _____ Depth of shot _____ Initial open flow _____ /10ths Water in _____ Inch Open flow after tubing _____ /10ths Merc. in _____ Inch Volume _____ Cu. Ft. Rock pressure _____ lbs. _____ hrs. Oil _____ bbls., 1st 24 hrs. Fresh water _____ feet _____ feet Salt water _____ feet _____ feet	CASING AND TUBING	USED IN DRILLING	LEFT IN WELL	PACKERS
	Size			Kind of Packer _____ Size of _____ Depth set _____ Perf. top _____ Perf. bottom _____ Perf. top _____ Perf. bottom _____
	16			
	13			
	10			
	8 1/4			
	6 3/4			
	5 3/16			
	3			
	2			
	liners Used			

CASING CEMENTED _____ SIZE _____ No. FT. _____ Date _____

COAL WAS ENCOUNTERED AT _____ FEET _____ INCHES

_____ FEET _____ INCHES _____ FEET _____ INCHES

_____ FEET _____ INCHES _____ FEET _____ INCHES

Drillers' Names _____

Remarks:

Frank Chisler-Contractor

October 28, 1965
DATE

RECEIVED
Office of Oil and Gas
NOV 15 1965
RECEIVED
West Virginia
Dept. of Mines
WV Department of
Environmental Protection
William _____
DISTRICT WELL INSPECTOR

04/07/2023

STATE OF WEST VIRGINIA
DEPARTMENT OF MINES
OIL AND GAS DIVISION

INSPECTOR'S WELL REPORT

Permit No. TA V-79

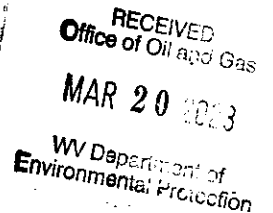
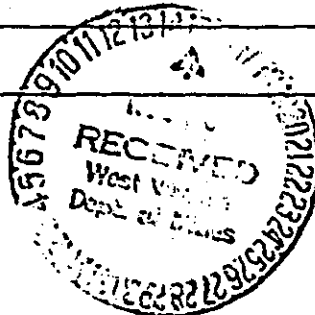
Oil or Gas Well _____
(KIND)

Company <u>Floyd Gearhart</u>	CASING AND TUBING	USED IN DRILLING	LEFT IN WELL	PACKERS
	Address <u>Indiana, Pennsylvania</u>	Size		
Farm <u>Wm. D. Thorn</u>	16			Kind of Packer
Well No. <u>One</u>	13			
District <u>Fetterman</u> County <u>Taylor</u>	10	215'		Size of
Drilling commenced _____	8 1/4	970'		
Drilling completed <u>1975</u> 1959 depth <u>1559'</u>	6 3/8			Depth set
Date shut _____ Depth of shut _____	6 3/16			
Initial open flow _____ /10ths Water in _____ Inch	3			Perf. top
Open flow after tubing _____ /10ths Merc. in _____ Inch	2			Perf. bottom
Volume _____ Cu. Ft.	Liners Used			Perf. top
Rock pressure _____ lbs _____ hrs.				Perf. bottom
Oil _____ bbls., 1st 24 hrs.	CASING CEMENTED _____ SIZE _____ No. FT. _____ Date _____			
Fresh water _____ feet _____ feet	COAL WAS ENCOUNTERED AT _____ FEET _____ INCHES			
Salt water _____ feet _____ feet	_____ FEET _____ INCHES _____ FEET _____ INCHES			
	_____ FEET _____ INCHES _____ FEET _____ INCHES			

Drillers' Names _____

Remarks:

Contractor, Frank Chisler.



November 10, 1965
DATE

William T. Blosser
DISTRICT WELL INSPECTOR

04/07/2023

STATE OF WEST VIRGINIA
DEPARTMENT OF MINES
OIL AND GAS DIVISION

Rotary
Spudder
Cable Tools
Storage

INSPECTOR'S WELL REPORT

Permit No. TAY-79

Oil or Gas Well
(KIND)

Company <u>Floyd Gearhart Drilling Co.</u>	CASING AND TUBING	USED IN DRILLING	LEFT IN WELL	PACKERS
Address <u>Indiana, Pennsylvania</u>	Size			
Farm <u>William D. Thorn</u>	16			Kind of Packer
Well No. <u>One</u>	13			
District <u>Fatterman</u> County <u>Taylor</u>	10			Size of
Drilling commenced	8 3/4			
Drilling completed _____ Total depth <u>2972'</u>	6 3/8 <u>7-- 2810'</u>			Depth set
Date shot _____ Depth of shot _____	5 3/16			
Initial open flow _____ /10ths Water in _____ Inch	3			Perf. top
Open flow after tubing _____ /10ths Merc. in _____ Inch	2			Perf. bottom
Volume _____ Cu. Ft.	Liners Used			Perf. top
Block pressure _____ lbs _____ hrs.				Perf. bottom
Oil _____ bbls., 1st 24 hrs.	CASING CEMENTED _____ SIZE _____ No. FT _____ Date _____			
Fresh water _____ feet _____ feet	NAME OF SERVICE COMPANY _____			
Salt water _____ feet _____ feet	COAL WAS ENCOUNTERED AT _____ FEET _____ INCHES			
	_____ FEET _____ INCHES _____ FEET _____ INCHES			
	_____ FEET _____ INCHES _____ FEET _____ INCHES			

Drillers' Names _____

Remarks:

Contractor, Frank Chisler.

December, 17, 1965
DATE

RECEIVED
Office of Oil and Gas
MAR 20 2023
WV Department of
Environmental Protection

RECEIVED
West Virginia
Dept. of Mines

William J. Blosser
DISTRICT WELL INSPECTOR

04/07/2023

STATE OF WEST VIRGINIA
DEPARTMENT OF MINES
OIL AND GAS DIVISION

4709100079

Rotary
Spudder
Cable Tools
Storage

INSPECTOR'S WELL REPORT

Permit No. TAY-79

Oil or Gas Well _____
(KIND)

Company <u>Floyd Gearhart Drilling Co.</u>	CASING AND TUBING	USED IN DRILLING	LEFT IN WELL	PACKERS
Address <u>Indiana, Pennsylvania</u>	Size			
Farm <u>William D. Thorn</u>	16			Kind of Packer _____
Well No. <u>One</u>	13			
District <u>Fetterman</u> County <u>Taylor</u>	10			Size of _____
Drilling commenced _____	8 1/4			
Drilling completed <u>X0001 depth 3302'</u>	6 3/4	<u>7' - 2810'</u>		Depth set _____
Date shot _____ Depth of shot _____	5 3/16			
Initial open flow _____ /10ths Water in _____ inch	3			Perf. top _____
Open flow after tubing _____ /10ths Merc. in _____ inch	2			Perf. bottom _____
Volume _____ Cu. Ft.	Liners Used			Perf. top _____
Rock pressure _____ lbs. _____ hrs.				Perf. bottom _____
Oil _____ bbls., 1st 24 hrs.	CASING CEMENTED _____ SIZE _____ No. FT. _____ Date _____			
Fresh water _____ feet _____ feet	NAME OF SERVICE COMPANY _____			
Salt water _____ feet _____ feet	COAL WAS ENCOUNTERED AT _____ FEET _____ INCHES			
	_____ FEET _____ INCHES _____ FEET _____ INCHES			
	_____ FEET _____ INCHES _____ FEET _____ INCHES			

Drillers' Names _____

Remarks: _____
Contractor, Frank Chisler.

December 22, 1965
DATE

RECEIVED
Office of Oil and Gas
MAR 20 2023
WV Department of
Environmental Protection

WILLIAM D. J. BYRNER
INSPECTOR
DEC 1965
RECEIVED
West Virginia
Oil and Gas
Inspector
04/07/2023

STATE OF WEST VIRGINIA
DEPARTMENT OF MINES
OIL AND GAS DIVISION

Rotary
Spudder
Cable Tools
Storage

INSPECTOR'S WELL REPORT

Permit No. TAy-79

Oil or Gas Well _____
(KIND)

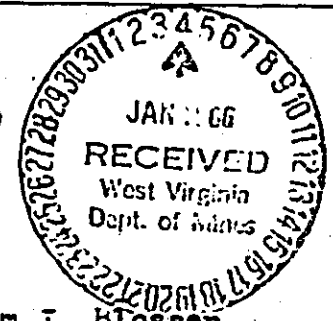
Company <u>Floyd Gearhart Drilling Co.</u> Address <u>Indiana, Pennsylvania</u> Farm <u>William D. Thorn</u> Well No. <u>One</u> District <u>Gettysburg</u> County <u>Taylor</u> Drilling commenced _____ Drilling completed _____ <u>7000</u> depth <u>3640'</u> Date shot _____ Depth of shot _____ Initial open flow _____ /10ths Water in _____ Inch Open flow after tubing _____ /10ths Merc. in _____ Inch Volume _____ Cu. Ft. Rock pressure _____ lbs. _____ hrs. Oil _____ bbls., 1st 24 hrs. Fresh water _____ feet _____ feet Salt water _____ feet _____ feet	CASING AND TUBING	USED IN DRILLING	LEFT IN WELL	PACKERS
	Size			
16				Size of _____
13				Depth set _____
10				Perf. top _____
8 1/4				Perf. bottom _____
6 3/4				Perf. top _____
5 3/16				Perf. bottom _____
3				
2				
Liners Used _____				

CASING CEMENTED _____ SIZE _____ No. FT. _____ Date _____
NAME OF SERVICE COMPANY _____
COAL WAS ENCOUNTERED AT _____ FEET _____ INCHES
_____ FEET _____ INCHES _____ FEET _____ INCHES
_____ FEET _____ INCHES _____ FEET _____ INCHES

Drillers' Names _____

Remarks:
Contractor, Frank Chisler.

RECEIVED
Office of Oil and Gas
MAR 20 2023
WV Department of
Environmental Protection



December 30, 1965
DATE

William J. Blosser
DISTRICT WELL INSPECTOR

04/07/2023

4709100079

OG-11

STATE OF WEST VIRGINIA
DEPARTMENT OF MINES
OIL AND GAS DIVISION

Rotary
Spudder
Cable Tools
Storage

INSPECTOR'S WELL REPORT

Permit No. TAY-79

Oil or Gas Well _____
(KIND)

Company <u>Floyd Gearhart.</u> Address <u>Indiana, Pennsylvania</u> Farm <u>Wm. D. Thorn</u> Well No. <u>One</u> District <u>Fetterman</u> County <u>Taylor</u> Drilling commenced _____ Drilling completed <u>1-2-66</u> Total depth <u>4225'</u> Date shot _____ Depth of shot _____ Initial open flow _____/10ths Water in _____ Inch Open flow after tubing _____/10ths Merc. in _____ Inch Volume _____ Cu. Ft. Rock pressure _____ lbs _____ hrs. Oil _____ bbls., 1st 24 hrs. Fresh water _____ feet _____ feet Salt water _____ feet _____ feet	CASING AND TUBING	USED IN DRILLING	LEFT IN WELL	PACKERS
	Size			Kind of Packer _____
	16			
	13			
	10			Size of _____
	8 1/4			
	6 3/4			Depth set _____
	5 3/16			
	3			Perf. top _____
	2			Perf. bottom _____
Liners Used _____				Perf. top _____
				Perf. bottom _____
CASING CEMENTED _____ SIZE _____ No. FT. _____ Date _____				
NAME OF SERVICE COMPANY _____				
COAL WAS ENCOUNTERED AT _____ FEET _____ INCHES				
_____ FEET _____ INCHES _____ FEET _____ INCHES				
_____ FEET _____ INCHES _____ FEET _____ INCHES				

Drillers' Names _____

Remarks: _____

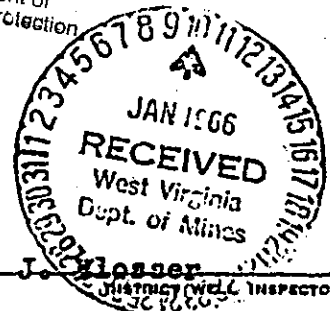
Contractor, F. Chisler.

January 5, 66
DATE

RECEIVED
Office of Oil and Gas

MAR 20 2023

WV Department of
Environmental Protection



William J. Glosser
DISTRICT WELL INSPECTOR

04/07/2023

47 RE 100079
DEC 14 1971

OIL & GAS
DEPARTMENT

AGREEMENT

This Agreement, made this twenty-third day of April, 1966, between Floyd A. Gearheart, Indiana, Pennsylvania, hereafter called the first party and Joseph B. and Mary E. Thorn, P.A.#3, Box 185, Drafton, West Virginia, hereafter called the second party.

Whereas first party had obtained drilling rights on a certain tract of land in Taylor County, Fetterman District, West Virginia, and drilled a gas well known as William Thorn Well No 1.

Whereas second party desired to purchase from first party this well and two acres of surrounding land to be productive for his own use.

Now it is, therefore, agreed that the first party for and in consideration of the sum of one dollar (\$1.00), the receipt whereof is hereby acknowledged, does sell and convey to the second party the rights to this gas well.

RECEIVED
Office of Oil and Gas

MAR 20 2023
WV Department of
Environmental Protection

04/07/2023

PAGE 2

No representation other than those contained herein shall be binding on either party.

In Witness Whereof, the parties hereto have set their hands and seals the day and year first above written.

WITNESS:

D. C. Malone

Floyd A. Gearhart (SEAL)

M. Elizabeth Stuck

Joseph B. Thorn (SEAL)

M. Elizabeth Stuck

Mary E. Thorn (SEAL)

I am not sure if this name is just real plain writing but I think it might

RECEIVED
Office of Oil and Gas
MAR 20 2023
WV Department of
Environmental Protection

4709100079

091-79

RECEIVED
Office of Oil and Gas
MAR 20 2023
WV Department of
Environmental Protection

04/07/2023



State of West Virginia

Department of Mines
Oil and Gas Division
Charleston 25305

December 14, 1971

Floyd A. Gearhart
P. O. Box 748
Indiana, Penna.

In Re: Permit No. TAY-79
Farm Wm. D. Thorn
Well No. I
District Fetterman
County Taylor

Gentlemen:

The final inspection report for the well which is described above has been received in this office. Only the column checked below applies.

 The bond covering the well designated by the above permit number has been released under your Blanket Bond.

XX Please return the enclosed cancelled bond which covered the well designated by the above permit number to the Surety Company who executed said bond in your behalf, in order that they may give you credit on their records. Well transferred to Joseph B. and Mary E. Thorn.

Very truly yours,

Deputy Director
Oil and Gas Division

Enclosure: 1 bond
cc- W. T. Weber Insurance Agency

RECEIVED
Office of the
MAR 23 1972
WV Department
Environmental Protection

W. T. Weber Insurance Agency 4709100079

MEMO

P. O. BOX 270
WESTON, WEST VIRGINIA 26452

AREA CODE 304
TELEPHONE: 289-5623

T
O
Robert L. Dodd, Deputy Director
Oil & Gas Division
Department of Mines
Charleston, W. Va.

November 24, 1971

RE: Floyd A. Gearhart

David - 1458 -

When we listed the outstanding bonds for Mr. Gearhart, we failed to include Well #1, to drill C. M. Pearce Lease 131A near New Milton, New Milton District, Doddridge County, bond issued 4/19/67.

July 79

Also Well #1, to drill William D. Thorn Lease near Grafton, Fetterman District, Taylor County, 8/25/65.

If we recall correctly, Mr. Gearhart advised us he had sold this well but to date we have not received the cancelled bond.

Will you please advise status of these bonds.

Thank you.

M. S. Furr

RECEIVED
NOV 26 1971

OIL & GAS DIVISION
DEPT. OF MINES

RECEIVED
Office of Oil and Gas
MAR 20 2023
WV Department of
Environmental Protection

RECEIVED
DEC 14 1971
DEPT. OF MINES

04/07/2023

WEST VIRGINIA DEPARTMENT OF MINES 4709100079
OIL AND GAS DIVISION
CHARLESTON, WEST VIRGINIA
INTER-OFFICE MEMORANDUM

November 29, 1971

RECEIVED
DEC 14 1971

Mr. William Blosser
P. O. Box 26
Colfax, W. Va.

OIL & GAS DIVISION
DEPT. OF MINES

PERMIT TAY-79
COMPANY Floyd A. Gearhart
FARM William D. Thorn
WELL NO. 1
DISTRICT Fetterman
COUNTY Taylor

RETURNED TO WELL OPERATOR TO DISCHARGE

Dear Sir:

12/14/71 1971

Please make a final inspection of the well described above.

/ls
EMX Attachment

*Dist. Wickwire
R.G.
Floyd A. Gearhart
William D. Thorn*

RECEIVED
Office of Oil and Gas
MAR 20 2023
WV Department of
Environmental Protection

*This well was referred to another party. Mr. Bates will check with Mr. Gearhart. Concerning copies of summary
Bill*

04/07/2023



March 16, 2023

Mr. Jeff Thorn
3781 Victory Avenue
Grafton, WV 26354

Dear Mr. Thorn:

Subject: Plugging permit modification for Class L cement
William D. Thorn #1 (API# 47-091-00079)
CEC Project 324-513

According to public record, you are the landowner of the parcel described formally as:

Parcel Description: THORN JOSEPH B
ID: 46-06-0016-0015-0000
DESC: SUR 66.98 VICTORY AVENUE OF;
FETTER HOLLOW

On behalf of Coastal Drilling East, LLC., Civil & Environmental Consultants, Inc. has submitted permits to permanently plug wells API #47-091-00079 (William D. Thorn #1 on the above listed property and now intends to modify permits to allow for the use of Class L cement in place of Class A due to manufacturing shortage. Enclosed you will find the proposed modifications to the plugging work orders and a copy of the approved variance authorization the use of Class L in this manner.

As the landowner of the affected parcel, you are entitled to submit comments to these modifications of the existing permits. If you choose to waive this right, please sign and return the enclosed surface owner waiver.

If you have any questions regarding this modification request, please contact me at 304.629.6309.

Respectfully,

CIVIL & ENVIRONMENTAL CONSULTANTS, INC.

Eddie Carder
Senior Project Manager

Joseph D. Robinson, PE
Vice President

RECEIVED
Office of Oil and Gas

MAR 20 2023

WV Department of
Environmental Protection



4709100079

west virginia department of environmental protection

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

Harold D. Ward, Cabinet Secretary
dep.wv.gov

**BEFORE THE OFFICE OF OIL AND GAS
DEPARTMENT OF ENVIRONMENTAL PROTECTION
STATE OF WEST VIRGINIA**

**IN THE MATTER OF A VARIANCE FROM)
LEGISLATIVE RULE 35CSR4)
SECTION 14.1. AND LEGISLATIVE RULE)
35CSR8 SECTION 20.1,)
RELATING TO THE CEMENTING)
OF OIL AND GAS WELLS)**

ORDER NO. 2022-13

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 for 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.

RECEIVED
Office of Oil and Gas

MAR 20 2023

WV Department of
Environmental Protection

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.

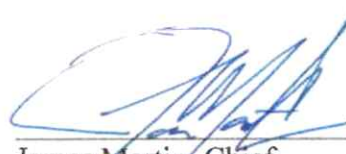
ORDER

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

RECEIVED
Office of Oil and Gas
MAR 20 2023
WV Department of
Environmental Protection

March 17, 2023

Mr. Jason Harmon
West Virginia Department of Environmental Protection
Office of Oil and Gas
Charleston, WV 25304

RE: DEP-Paid Plugging Contract
Plugging Application- William D. Thorn #1 (API# 47-091-00079)


CEC Project # 324-513

Dear Mr. Harmon:

On behalf of Coastal Drilling East, please find the enclosed plugging application for William D. Thorn #1 well for your review.

Please feel free to contact me at (304) 629-6309 or ecarder@cecinc.com if you have any questions or require any additional information.

Very truly yours,
CIVIL & ENVIRONMENTAL CONSULTANTS, INC.


Eddie Carder
Senior Project Manager


Joseph D. Robinson, P.E.
Vice President

RECEIVED
Office of Oil and Gas

MAR 20 2023

WV Department of
Environmental Protection

SURFACE OWNER WAIVER

4709100079

Operator's Well
Number

William D. Thorn #1

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 the Notice and Application For A Permit To Plug And Abandon on Forms WW-4A and WW-4B, and a survey plat. RECEIVED
Office of Oil and Gas

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. MAR 20 2023

**FOR EXECUTION BY A NATURAL PERSON
ETC.**

FOR EXECUTION BY A CORPORATION
WV Department of Environmental Protection

	Date	Name	
Signature		By	
		Its	
			Date

Signature

Date

04/07/2023

WW-4B

4709100079

API No.

47-091-00079

Farm Name

Well No.

William D. Thorn #1

**INSTRUCTIONS TO COAL OPERATORS
OWNERS AND LESSEE**

The well operator named on the obverse side of WW-4 (B) is about to abandon the well described in the enclosed materials and will commence the work of plugging and abandoning said well on the date the inspector is notified. Which date shall not be less than five days after the day on which this notice and application so mailed is received, or in due course should be received by the Department of Environmental Protection Office of Oil & Gas.

This notice and application is given to you in order that your respective representatives may be present at the plugging and filling of said well. You are further notified that whether you are represented or not the operator will proceed to plug and fill said well in the manner required by Section 24, Article 6, Chapter 22 of the Code and given in detail on obverse side of this application.

NOTE: If you wish this well to be plugged according to 22-6-24(d) then as per Regulation 35CSR4-13.9 you must complete and return to this office on form OB-16 "Request by Coal Operator, Owner, or Lessee for plugging" prior to the issuance of this plugging permit.

WAIVER

The undersigned coal operator ____ / owner ____ / lessee ____ / of the coal under this well location has examined this proposed plugging work order. The undersigned has no objection to the work proposed to be done at this location, provided, the well operator has complied with all applicable requirements of the West Virginia Code and the governing regulations.

Date: _____

By: _____

Its _____

RECEIVED
Office of Oil and Gas
MAR 20 2023
WV Department of
Environmental Protection

04/07/2023



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

plugging permit issued 4709100079

1 message

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

Thu, Apr 6, 2023 at 9:50 AM


To: MYearsley@shaftdrillers.com, Henry J Harmon <henry.j.harmon@wv.gov>, Kenneth L Greynolds <kenneth.l.greynolds@wv.gov>, ckinsey@wvassessor.com


To whom it may concern, a plugging permit has been issued for 4709100079.

James Kennedy

WVDEP OOG

2 attachments

 **ir-8 4709100079.pdf**
120K

 **4709100079.pdf**
3213K

04/07/2023