



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

Tuesday, July 2, 2024

WELL WORK PLUGGING PERMIT
Coal Bed Methane Well Plugging

DIVERSIFIED PRODUCTION LLC
101 MCQUISTON DRIVE

JACKSON CENTER, PA 16133

Re: Permit approval for TYGRET-1A
47-081-01390-00-00

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: TYGRET-1A
Farm Name: TYGRET, BILYANE
U.S. WELL NUMBER: 47-081-01390-00-00
Coal Bed Methane Well Plugging
Date Issued: 7/2/2024

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

PERMIT CONDITIONS

West Virginia Code §22-6-11 allows the Office of Oil and Gas to place specific conditions upon this permit. Permit conditions have the same effect as law. Failure to adhere to the specified permit conditions may result in enforcement action.

CONDITIONS

1. All pits must be lined with a minimum of 20 mil thickness synthetic liner.
2. In the event of an accident or explosion causing loss of life or serious personal injury in or about the well or while working on the well, the well operator or its contractor shall give notice, stating the particulars of the accident or explosion, to the oil and gas inspector and the Chief within twenty-four (24) hours.
3. Well work activities shall not constitute a hazard to the safety of persons.
4. Notification shall be given by the operator to the Oil and Gas Inspector at least 24 hours prior to the construction of roads, locations and/or pits for any permitted work. In addition, the well operator shall notify the same inspector 24 hours before any actual well work is commenced and prior to running and cementing casing.

STATE OF WEST VIRGINIA
DEPARTMENT OF ENVIRONMENTAL PROTECTION
OFFICE OF OIL AND GAS

APPLICATION FOR A PERMIT TO PLUG AND ABANDON **A CBM WELL**

- 4) Well Type: Oil / Gas / Liquid injection / Waste disposal /
(If "Gas, Production or Underground storage ; Deep / Shallow)
- 5) Location: Elevation 2143.93' Watershed Brackensridge Creek of Marsh Fork
District Trap Hill County Raleigh Quadrangle Amett 7.5
- 6) Well Operator Diversified Production, LLC 7) Designated Agent Chuck Shafer
Address 414 Summers Street Address 414 Summers Street
Charleston, WV 25301 Charleston, WV 25301
- 8) Oil and Gas Inspector to be notified Name Murdock Howard 9) Plugging Contractor Name Next LVL Energy (Diversified Owned)
Address PO Box 140 Address 104 Helliport Loop Rd
Oak Hill, WV 25901 Bridgeport, WV 25330

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

See Attached

**THIS IS A HORIZONTAL CBM
ACCESS WELL FOR 2 CBM
PRODUCTION WELLS**

**47-081-01391
PRODUCTION WELL**

**47-081-01392
PRODUCTION WELL**

JNH

**47-081-01390 ACCESS WELL
TO 01391 & 01392**

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

Work order approved by inspector Murdock Howard Date 5/15/24

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MH 5/15/24

4708101390P

Plugging Prognosis

API #: 4708101390

Casing Schedule

13-3/8" @ 33' (CTS w/ 124 cu ft)

9 5/8" @ 219' (CTS w/ 118 cu ft)

7" @ 848' (Assuming 848', WR-35 says 84') (CTS w/ 177 cu ft)

TD listed as 848' - listed on Form WR-35

Estimated kickoff @ unknown

Completion - Pilot Well for CBM production, projected depth of coal seam (Unknown) is below kickoff point. Unknown if well has bridge plug in it.

Fresh Water: None Reported

Salt Water: None Reported

Gas Shows: None Reported

Oil Shows: None Reported

Coal: 435', 685', 690', 737' - listed on Form WR-35

Elevation: 2140.77'

1. Notify Inspector Murdock Howard @ (681) 990-2568, 48 hrs prior to commencing operations.
2. Record pressure on csg.
3. Kill well as needed with 6% bentonite gel.
4. Run CBL to verify TD and depth of 7" casing.
5. Set CIBP inside 7" csg @ 838', or 10' above bottom of 7" casing if found to be a different depth.
6. Confirm 7" csg is cemented to surface. If not, free point 7" csg. Cut & TOOH.
7. Cement w/ Class I cement from CIBP to surface.
8. Reclaim site and set monument per WV DEP regulations.

Note: The uncased 4 3/4" wellbore from curve to lateral will be filled w/ gel/cement from the production wells when plugging them.

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TYGRETT 1-A
SHEET 1 OF 22
SCALE: 1" = 2000'

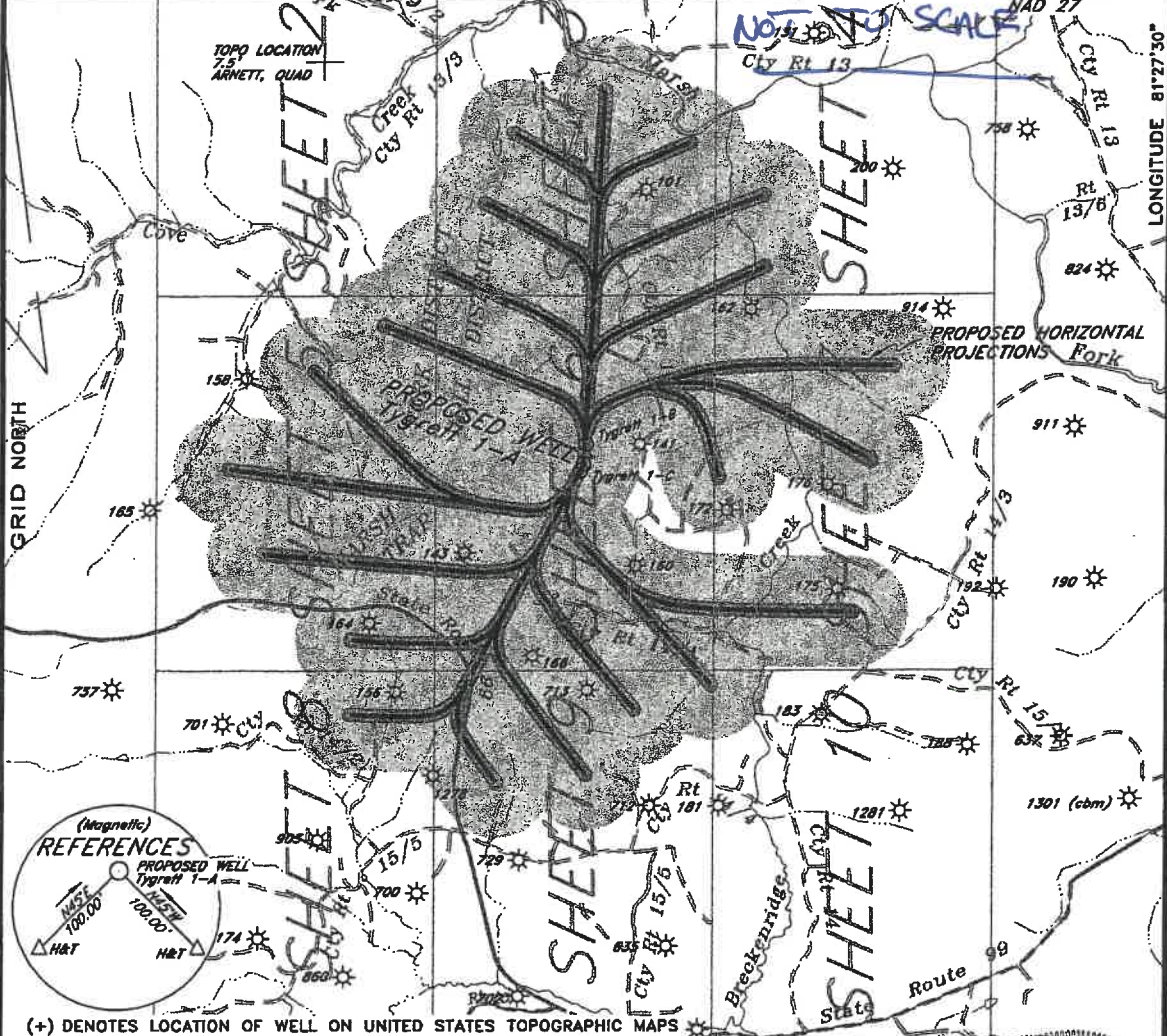
BEARING CHART

Well Number	From	To	Bearing	Distance
141	Tygett-001A	Tygett-001A	S70°24'32"W	812.18'
Tygett-001B	Tygett-001A	Tygett-001A	S08°00'08"W	273.45'
Tygett-001C	Tygett-001A	Tygett-001A	N22°19'53"E	91.89'
143	Tygett-001A	Tygett-001A	N53°13'55"E	1988.33'

LATITUDE 37°47'30" **4708101390P**

PROPOSED WELL COORDINATES
N: 285522.00
E: 1880211.29
WV SOUTH ZONE
NAD 27

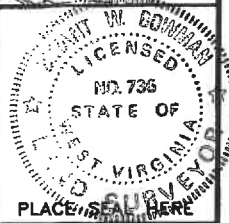
Not TO SCALE



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

FILE NO. _____
DRAWING NO. _____
SCALE 1"=2000'
MINIMUM DEGREE OF ACCURACY 1:64000
PROVEN SOURCE OF ELEVATION GPS DISK NO. C1
1989.82'

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 ENVIRONMENTAL PROTECTION.
(SIGNED) Dyan D. Johnson
R.P.E. _____ L.L.S. 736



STATE OF WEST VIRGINIA
DEPARTMENT OF ENVIRONMENTAL PROTECTION
OIL AND GAS DIVISION

DATE August 20, 2005
OPERATOR'S WELL NO. Tygett 1-A
API WELL NO. 47-81-01390c
STATE COUNTY PERMIT

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

LOCATION: ELEVATION 2140.77' WATERSHED Breckenridge Creek of Marsh Fork
DISTRICT TRAP HILL DISTRICT COUNTY Raleigh
QUADRANGLE ARNETT, WV

SURFACE OWNER BILYANE TYGRET ACREAGE 25
OIL & GAS ROYALTY OWNER ELLA DAVIS FARMER LEASE ACREAGE 6195.5
ET.AL. 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 _____ ESTIMATED DEPTH _____
WELL OPERATOR PENN VIRGINIA OIL & GAS CORPORATION DESIGNATED AGENT MR. HARRY JEWEL
ADDRESS 2550 EAST STONE DRIVE SUITE 110 ADDRESS PO BOX 460
KINGSPORT, TN 37660 RAVENCLIFF, WV 25913

FORM WW-6

COUNTY NAME PERMIT

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State of West Virginia
Division of Environmental Production
Section of Oil and Gas
Well Operator's Report of Well Work

4708101390P

Farm Name Bilyane Tygrett

Operator Well No.: TYGRET-1A

LOCATION Elevation: 2140.77

Quadrangle: Arnett 7 1/2'

District: Trap Hill County: Raleigh
Latitude: 2963 Feet South of 37 Deg. 47 Min. 30 Sec.
Longitude: 11361 Feet West of 81 Deg. 27 Min. 30 Sec.

Company:

Penn Virginia Oil & Gas Corporation

	Casing and Tubing	Used in drilling	Left in well	Cement fill up Cu. Ft.	
Address: 2550 East Stone Drive, Suite 110	13 3/8	33	33	124 Cu Ft	CTS
Kingsport, TN 37660	9 5/8	219	219	118 Cu Ft	CTS
Agent: Bryant Bowman	7	84 <u>SAB</u>	84 <u>SAB</u>	177 Cu Ft	CTS
Inspector: Terry Urban					
Date Permit Issued: 11/30/2005					
Date Well Work Commenced: <u>02/04/2006</u>					<u>gum</u>
Date Well Work Completed: 04/12/2006					
Verbal Plugging:					
Date Permission granted on:					
Rotary X Cable Rig					
Total Depth (feet): 848					
Fresh Water Depth (ft):					
None Reported					
Salt Water Depth (ft):					
None Reported					
Is coal being mined in area (N/Y)? N					
Coal Depths (ft):					
435', 685', 690', 737'					

OPEN FLOW DATA

Producing formation No Production from this well

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

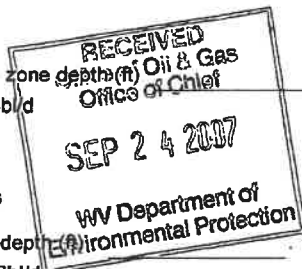
Second producing formation _____ Pay zone depth _____

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



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

Signed:

Martha E. Hudson

By: EVELYN HUDSON

Date: 9/19/07

07/05/2024

DETAILS OF PERFORATIONS, FRACTURING, OR PHYSICAL CHANGE, ETC.

4708101390P

<u>FORMATIONS</u>	<u>TOP</u>	<u>BOTTOM</u>	<u>REMARKS</u>
Sand & Shale	0	435 TVD	
Coal	435	436 TVD	
Sand & Shale	436	685 TVD	
Coal	685	687 TVD	
Sand & Shale	687	690 TVD	
Coal	690	691 TVD	
Sand & Shale	691	737 TVD	
Coal	737	740 TVD	
Sand & Shale	740	848 TVD	TD Vertical hole, begin curve for horizontal latte

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12

4708101390P

81-01390C

STATE OF WEST VIRGINIA
DEPARTMENT OF ENVIRONMENTAL PROTECTION, OFFICE OF OIL AND GAS
WELL WORK PERMIT APPLICATION

81, 7, 218

1) Well Operator Penn Virginia Oil & Gas Corporation 2) Operator's Well Name _____

3) Operator's Well Number: TYGRET-1A 4) Elevation: 2140.77

5) Well Type: (a) Oil _____ or Gas X
(b) If Gas: Production X / Underground Storage _____
Deep _____ / Shallow X

6) Proposed Target Formation(s): Lower Beckley Coal & Pocahontas 5 Coal

7) Proposed Total Depth: 990 Feet

8) Approximate fresh water strata depths: 179'

9) Approximate salt water depths: N/A

10) Approximate coal seam depths: 299'; 722'; 982'; 1156

11) Does land contain coal seams tributary to active mine? No

12) (a) Proposed well work: Drill a multi-lateral horizontal CBM well. Production will be from the Lower Beckley Coal and Pocahontas #5 Coal, via wells Tygrett-1B and Tygrett-1C wells

(b) If Stimulation Proposed, Describe Means to be Used to Stimulate Well:

None

13) (a) Does the proposed operation plan to convert an existing well (as defined in W. Va. Code § 22-6-1) or a vertical ventilation hole to a coalbed methane well? Yes or No: No

(b) If yes, please attach to this Application a list of all formations from which production is anticipated and a description of any plans to plug any portion of the well.

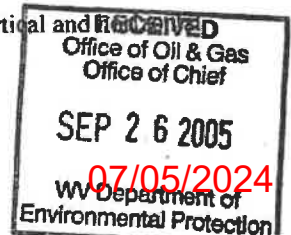
14) (a) Will the proposed coalbed methane well be completed in some but not all coal seams for production (except for a gob well or vent hole proposed to be converted to a well)? Yes or No No

(b) If yes, please attach to this Application a plan and design for the well which will protect all workable coal seams which will be penetrated by the well.

15) (a) Does the proposed operation include horizontal drilling of a well commenced on the surface? Yes or No Yes

(b) If yes, please attach to this Application a description of such operations, including both the vertical alignment and extent of the well from the surface to total depth.

Ch# 10647
500.-



4708101390 P

4708101390
81-01390 P

Page 2 of 2

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11-7-05

FORM WW-5B (8/1998)

CASING AND TUBING PROGRAM

TYPE	SPECIFICATIONS		FOOTAGE	INTERVALS	CEMENT	
	Size	Grade				Weight per ft
Conductor	13 3/8	LS	37	30	30'	0
Fresh Water	9 5/8	LS	26	209	209	70
Coal						
Intermediate	7	J55	23	730	730	115
Production						
Tubing						
Liners						

Packers:

-
- Fee(s) paid:
 Well Work Permit:
 Reclamation Fund:
 WPCP:
- Plat:
 WW-9:
 WW-5:
 Bond _____
 Agent:
- (Type)

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Oil&Gas

Wells, Horizontal Only

WellStatus

-  Active Well
-  Permit Issued
-  Permit Application
-  Plugged

Wells, Active Status Only

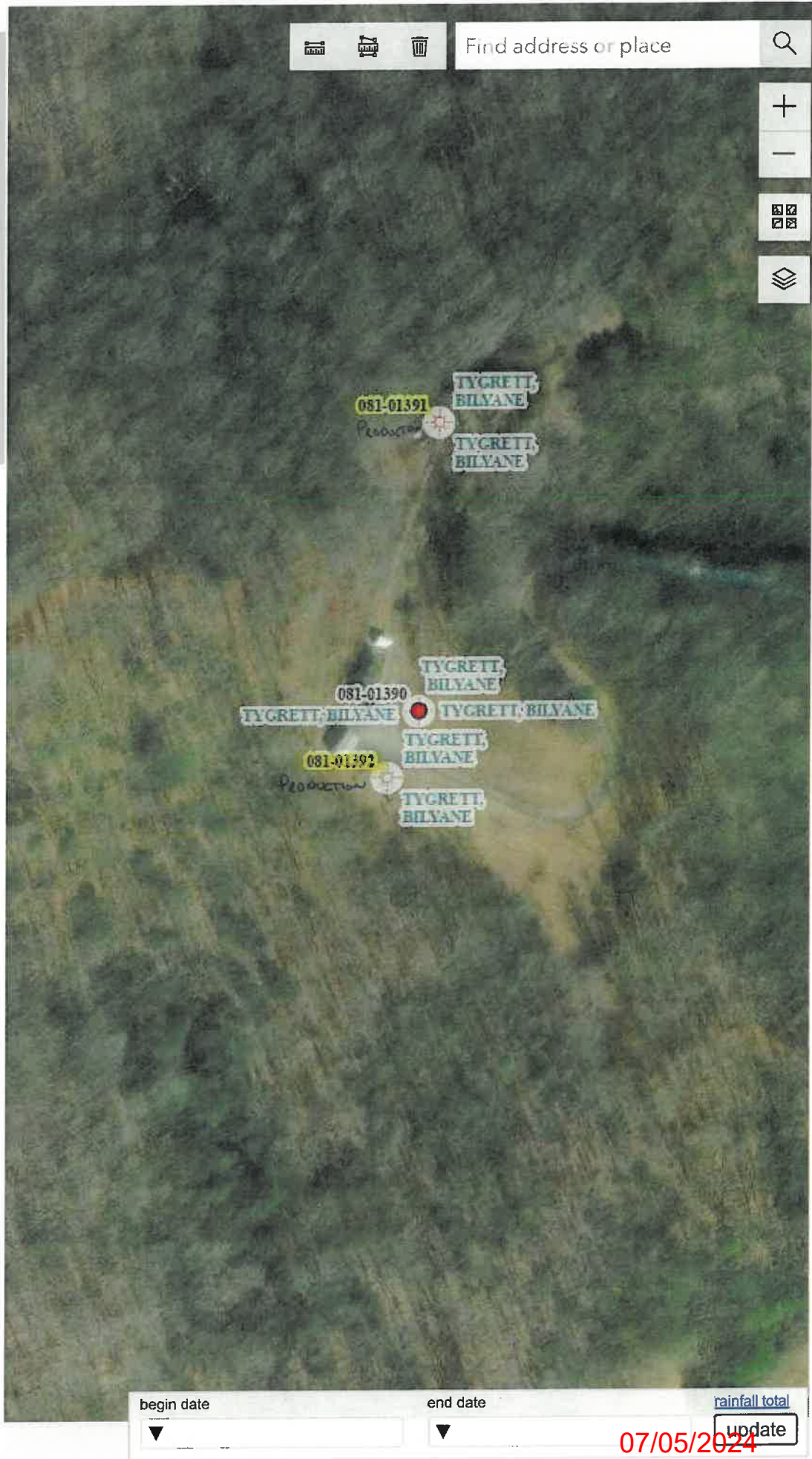
WellUse

-  Brine Disposal
-  Fluid Injection
-  Gas Production
-  House Gas
-  Observation
-  Oil Production
-  Production
-  Solution Mining
-  Storage
-  Vent
-  <all other values>

Wells, Other than Active Status

WellUse

-  Brine Disposal
-  Fluid Injection
-  Gas Production
-  House Gas
-  Observation
-  Oil Production
-  Production
-  Solution Mining



begin date end date rainfall total

 07/05/2024



Select County: (081) Raleigh Select datatypes: (Check All)

Enter Permit #: 01391

Location Production Plugging

Owner/Completion Stratigraphy Sample

Pay/Show/Water Logs Btm Hole Loc

- [Table Descriptions](#)
- [County Code Translations](#)
- [Permit-Numbering Series](#)
- [Usage Notes](#)
- [Contact Information](#)
- [Disclaimer](#)
- [WVGES Main](#)
- ["Pipeline-Plus" New](#)

47-081-01391
PRODUCTION WELL

Well: County = 81 Permit = 01391 [Link to all digital records for well](#)

Report Time: Tuesday, July 02, 2024 8:27:37 AM

WV Geological & Economic Survey:

Location Information: [View Map](#)

API	COUNTY	PERMIT	TAX_DISTRICT	QUAD_75	QUAD_15	LAT_DD	LONG_DD	UTME	UTMN
4708101391	Raleigh	1391	Trap Hill	Arnett	Ecdes	37.784257	-81.414191	463528.8	4181959.1

There is no Bottom Hole Location data for this well

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
4708101391	7/21/2006	Dvtd Orgrl Loc	Completed	Bilyane Tygrett			Tygrett 1-B			Ella Davis Farmer Penn Virginia Oil & Gas Corp.			

Completion Information:

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_BEFF
4708101391	7/21/2006	1/31/2006	2129	Ground Level	McGraw	Pennsylvanian System	Fire Creek coal	Development Well	Development Well	Methane (CBM)	Rotary	CBM Mltit	1204			1204	

Pay/Show/Water Information:

API	CMP_DT	ACTIVITY	PRODUCT	SECTION	DEPTH_TOP	FM_TOP	DEPTH_BOT	FM_BOT	G_BEFF	G_AFT	O_BEFF	O_AFT	WATER_QNTY
4708101391	7/21/2006	Methane Pay	Gas	Deviated	950	Beckley coal=War Ck	955	Beckley coal=War Ck					

Production Gas Information: (Volumes in Mcf) * 2023 data for H6A wells only. Other wells are incomplete at this time.

API	PRODUCING_OPERATOR	PRD_YEAR	ANN_GAS	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DCM	
4708101391	Penn Virginia Oil & Gas Corp.	2007	0	0	0	0	0	0	0	0	0	0	0	0	0	
4708101391	Penn Virginia Oil & Gas Corp.	2008	24,954	0	0	0	251	268	454	612	337	2,080	2,776	5,231	6,502	6,443
4708101391	Penn Virginia Oil & Gas Corp.	2009	99,109	6,856	7,176	8,630	9,294	8,500	9,580	10,615	8,210	9,363	10,375	8,894	3,616	
4708101391	Penn Virginia Oil & Gas Corp.	2010	240,002	7,680	17,570	14,256	25,425	24,849	22,021	23,504	20,222	22,100	21,333	20,863	20,179	
4708101391	Penn Virginia Oil & Gas Corp.	2011	221,186	15,921	17,565	24,529	19,807	20,723	18,427	18,302	19,482	16,537	17,968	14,642	17,283	
4708101391	Enervest Operating, LLC	2012	169,573	16,277	16,626	18,390	17,707	14,947	13,229	9,758	16,683	12,025	11,838	11,039	11,054	
4708101391	Enervest Operating, LLC	2013	100,031	9,477	7,648	8,459	8,274	9,079	8,550	8,794	8,527	7,535	7,984	7,817	7,887	
4708101391	Enervest Operating, LLC	2014	83,106	6,667	6,706	7,326	7,734	7,818	8,219	8,902	6,838	6,223	5,892	5,392	5,388	
4708101391	Enervest Operating, LLC	2015	52,656	4,963	3,761	5,026	4,541	4,661	4,867	4,926	4,373	4,145	4,504	4,042	2,847	
4708101391	Enervest Operating, LLC	2016	32,500	3,125	2,927	3,052	2,441	2,212	2,360	2,589	3,342	2,623	2,716	2,154	2,959	
4708101391	Nytlis Exploration Co., LLC	2017	12,526	2,792	3,553	2,185	2,136	1,960	0	0	0	0	0	0	0	
4708101391	Nytlis Exploration Co., LLC	2018	1,148	137	143	157	0	0	0	0	0	0	0	317	167	227
4708101391	Nytlis Exploration Co., LLC	2019	3,125	327	295	56	20	293	239	305	301	366	403	254	266	
4708101391	Diversified Production, LLC	2020	6,865	287	241	324	0	279	154	736	683	1,490	1,283	1,223	165	
4708101391	Diversified Production, LLC	2021	1,088	165	147	167	196	208	142	62	0	0	0	0	0	
4708101391	Diversified Production, LLC	2022	945	0	0	0	158	157	105	130	129	120	138	4	0	

Production Oil Information: (Volumes in Bbl) ** some operators may have reported NGL under Oil * 2023 data for H6A wells only. Other wells are incomplete at this time.

API	PRODUCING_OPERATOR	PRD_YEAR	ANN_OIL	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DCM
4708101391	Penn Virginia Oil & Gas Corp.	2007	0	0	0	0	0	0	0	0	0	0	0	0	0
4708101391	Penn Virginia Oil & Gas Corp.	2008	0	0	0	0	0	0	0	0	0	0	0	0	0
4708101391	Penn Virginia Oil & Gas Corp.	2009	0	0	0	0	0	0	0	0	0	0	0	0	0
4708101391	Penn Virginia Oil & Gas Corp.	2010	0	0	0	0	0	0	0	0	0	0	0	0	0
4708101391	Penn Virginia Oil & Gas Corp.	2011	0	0	0	0	0	0	0	0	0	0	0	0	0
4708101391	Enervest Operating, LLC	2012	0	0	0	0	0	0	0	0	0	0	0	0	0
4708101391	Enervest Operating, LLC	2013	0	0	0	0	0	0	0	0	0	0	0	0	0
4708101391	Enervest Operating, LLC	2014	0	0	0	0	0	0	0	0	0	0	0	0	0
4708101391	Enervest Operating, LLC	2015	0	0	0	0	0	0	0	0	0	0	0	0	0
4708101391	Enervest Operating, LLC	2016	0	0	0	0	0	0	0	0	0	0	0	0	0
4708101391	Nytlis Exploration Co., LLC	2017	0	0	0	0	0	0	0	0	0	0	0	0	0
4708101391	Nytlis Exploration Co., LLC	2018	0	0	0	0	0	0	0	0	0	0	0	0	0
4708101391	Nytlis Exploration Co., LLC	2019	0	0	0	0	0	0	0	0	0	0	0	0	0
4708101391	Diversified Production, LLC	2020	0	0	0	0	0	0	0	0	0	0	0	0	0
4708101391	Diversified Production, LLC	2021	0	0	0	0	0	0	0	0	0	0	0	0	0
4708101391	Diversified Production, LLC	2022	0	0	0	0	0	0	0	0	0	0	0	0	0

Production NGL Information: (Volumes in Bbl) ** some operators may have reported NGL under Oil * 2023 data for H6A wells only. Other wells are incomplete at this time.

API	PRODUCING_OPERATOR	PRD_YEAR	ANN_NGL	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DCM
4708101391	Enervest Operating, LLC	2013	0	0	0	0	0	0	0	0	0	0	0	0	0
4708101391	Enervest Operating, LLC	2014	0	0	0	0	0	0	0	0	0	0	0	0	0
4708101391	Enervest Operating, LLC	2015	0	0	0	0	0	0	0	0	0	0	0	0	0
4708101391	Enervest Operating, LLC	2016	0	0	0	0	0	0	0	0	0	0	0	0	0
4708101391	Nytlis Exploration Co., LLC	2018	0	0	0	0	0	0	0	0	0	0	0	0	0
4708101391	Nytlis Exploration Co., LLC	2019	0	0	0	0	0	0	0	0	0	0	0	0	0
4708101391	Diversified Production, LLC	2020	0	0	0	0	0	0	0	0	0	0	0	0	0
4708101391	Diversified Production, LLC	2021	0	0	0	0	0	0	0	0	0	0	0	0	0
4708101391	Diversified Production, LLC	2022	0	0	0	0	0	0	0	0	0	0	0	0	0

Production Water Information: (Volumes in Gallons) * 2023 data for H6A wells only. Other wells are incomplete at this time.

API	PRODUCING_OPERATOR	PRD_YEAR	ANN_WTR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DCM
4708101391	Enervest Operating, LLC	2016	0	0	0	0	0	0	0	0	0	0	0	0	0
4708101391	Nytlis Exploration Co., LLC	2018	0	0	0	0	0	0	0	0	0	0	0	0	0
4708101391	Nytlis Exploration Co., LLC	2019	0	0	0	0	0	0	0	0	0	0	0	0	0
4708101391	Diversified Production, LLC	2020	0	0	0	0	0	0	0	0	0	0	0	0	0
4708101391	Diversified Production, LLC	2021	0	0	0	0	0	0	0	0	0	0	0	0	0
4708101391	Diversified Production, LLC	2022	0	0	0	0	0	0	0	0	0	0	0	0	0

Stratigraphy Information:

API	SUFFIX	FM	FM_QUALITY	DEPTH_TOP	DEPTH_QUALITY	THICKNESS	THICKNESS_QUALITY	ELEV	DATUM
4708101391	Dvtd Orgrl Loc	unidentified coal	Well Record	417	Reasonable	2	Reasonable	2129	Ground Level
4708101391	Dvtd Orgrl Loc	unidentified coal	Well Record	665	Reasonable	2	Reasonable	2129	Ground Level
4708101391	Dvtd Orgrl Loc	unidentified coal	Well Record	673	Reasonable	2	Reasonable	2129	Ground Level
4708101391	Dvtd Orgrl Loc	unidentified coal	Well Record	720	Reasonable	4	Reasonable	2129	Ground Level
4708101391	Dvtd Orgrl Loc	Beckley Lo Spll coal	Well Record	950	Reasonable	5	Reasonable	2129	Ground Level
4708101391	Dvtd Orgrl Loc	Fire Creek coal	Well Record	997	Reasonable	3	Reasonable	2129	Ground Level

Wireline (E-Log) Information:

* There is no Scanned/Raster Log data for this well

* There is no Digitized/LAS 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

07/05/2024



Select County: (081) Raleigh (Check All)
 Enter Permit #: 01392
 Location Production Plugging
 Owner/Completion Stratigraphy Sample
 Pay/Show/Water Logs Btm Hole Loc

[Table Descriptions](#)
[County Code Translations](#)
[Permit-Numbering Series](#)
[Usage Notes](#)
[Contact Information](#)
[Disclaimer](#)
[WVGES Main](#)
[Pipeline-Plus New](#)

47-081-01392
 PRODUCTION WELL

Well: County = 81 Permit = 01392 [Link to all digital records for well](#)

Report Time: Tuesday, July 02, 2024 8:28:22 AM

WV Geological & Economic Survey:

Location Information: [View Map](#)

API	COUNTY	PERMIT	TAX_DISTRICT	QUAD_75	QUAD_15	LAT_DD	LONG_DD	UTME	UTMN
4708101392	Raleigh	1392	Trap Hill	Amett	Eccles	37.783274	-81.414439	463506.5	4181850.1

There is no Bottom Hole Location data for this well

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
4708101392	6/13/2006	Dvtd Orgrl Loc	Completed	Bilyane Tygrett			Tygrett 1-C		Ella Davis Farmer	Penn Virginia Oil & Gas Corp.			

Completion Information:

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	
4708101392	6/13/2006	2/14/2006	2134	Ground Level	McGraw	Pennsylvanian System	New River Fm	Development Well	Development Well	Methane (CBM)	Rotary	CBM Mitt	1066			1066			

Pay/Show/Water Information:

API	CMP_DT	ACTIVITY	PRODUCT	SECTION	DEPTH_TOP	FM_TOP	DEPTH_BOT	FM_BOT	G_BEF	G_AFT	O_BEF	O_AFT	WATER_QNTY
4708101392	6/13/2006	Methane Pay	Gas	Deviated	1002	Beckley Lo Splt coal	1006	Beckley Lo Splt coal					

Production Gas Information: (Volumes in Mcf) * 2023 data for H6A wells only. Other wells are incomplete at this time.

API	PRODUCING_OPERATOR	PRD_YEAR	ANN_GAS	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DCM
4708101392	Penn Virginia Oil & Gas Corp.	2007	0	0	0	0	0	0	0	0	0	0	0	0	0
4708101392	Penn Virginia Oil & Gas Corp.	2008	2,672	0	0	0	51	89	106	80	817	696	638	138	57
4708101392	Penn Virginia Oil & Gas Corp.	2009	14,210	108	90	282	371	668	1,777	2,080	1,172	1,514	2,644	2,662	842
4708101392	Penn Virginia Oil & Gas Corp.	2010	258,740	3,406	11,314	10,270	19,987	27,272	21,839	22,832	25,104	40,349	23,400	32,324	20,643
4708101392	Penn Virginia Oil & Gas Corp.	2011	153,289	19,806	17,379	17,737	3,127	9,896	20,058	18,628	17,740	12,429	7,180	5,432	3,877
4708101392	Enervest Operating, LLC	2012	65,447	4,808	2,375	60	3,384	8,640	4,985	3,828	8,326	6,170	5,306	8,204	9,361
4708101392	Enervest Operating, LLC	2013	90,864	7,140	8,627	9,027	6,626	3,830	7,398	7,864	8,102	7,905	8,180	7,772	8,394
4708101392	Enervest Operating, LLC	2014	71,056	7,907	9,949	6,946	6,751	6,187	2,783	2,189	6,217	6,024	6,639	4,534	4,929
4708101392	Enervest Operating, LLC	2015	62,047	4,043	4,599	6,709	6,695	4,889	5,235	4,041	5,159	5,336	5,779	5,246	4,316
4708101392	Enervest Operating, LLC	2016	53,915	4,628	4,569	5,236	4,659	3,895	4,411	2,709	5,334	4,823	4,699	3,824	5,128
4708101392	Nytlis Exploration Co., LLC	2017	9,355	3,605	40	1,231	2,617	1,862	0	0	0	0	0	0	0
4708101392	Nytlis Exploration Co., LLC	2018	37	10	11	12	0	0	0	0	0	0	0	4	0
4708101392	Nytlis Exploration Co., LLC	2019	2,135	0	0	16	0	399	85	140	158	763	506	0	68
4708101392	Diversified Production, LLC	2020	398	67	97	123	0	111	0	0	0	0	0	0	0
4708101392	Diversified Production, LLC	2021	0	0	0	0	0	0	0	0	0	0	0	0	0
4708101392	Diversified Production, LLC	2022	0	0	0	0	0	0	0	0	0	0	0	0	0

Production Oil Information: (Volumes in Bbl) ** some operators may have reported NGL under Oil * 2023 data for H6A wells only. Other wells are incomplete at this time.

API	PRODUCING_OPERATOR	PRD_YEAR	ANN_OIL	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DCM
4708101392	Penn Virginia Oil & Gas Corp.	2007	0	0	0	0	0	0	0	0	0	0	0	0	0
4708101392	Penn Virginia Oil & Gas Corp.	2008	0	0	0	0	0	0	0	0	0	0	0	0	0
4708101392	Penn Virginia Oil & Gas Corp.	2009	0	0	0	0	0	0	0	0	0	0	0	0	0
4708101392	Penn Virginia Oil & Gas Corp.	2010	0	0	0	0	0	0	0	0	0	0	0	0	0
4708101392	Penn Virginia Oil & Gas Corp.	2011	0	0	0	0	0	0	0	0	0	0	0	0	0
4708101392	Penn Virginia Oil & Gas Corp.	2012	0	0	0	0	0	0	0	0	0	0	0	0	0
4708101392	Enervest Operating, LLC	2013	0	0	0	0	0	0	0	0	0	0	0	0	0
4708101392	Enervest Operating, LLC	2014	0	0	0	0	0	0	0	0	0	0	0	0	0
4708101392	Enervest Operating, LLC	2015	0	0	0	0	0	0	0	0	0	0	0	0	0
4708101392	Enervest Operating, LLC	2016	0	0	0	0	0	0	0	0	0	0	0	0	0
4708101392	Nytlis Exploration Co., LLC	2017	0	0	0	0	0	0	0	0	0	0	0	0	0
4708101392	Nytlis Exploration Co., LLC	2018	0	0	0	0	0	0	0	0	0	0	0	0	0
4708101392	Nytlis Exploration Co., LLC	2019	0	0	0	0	0	0	0	0	0	0	0	0	0
4708101392	Diversified Production, LLC	2020	0	0	0	0	0	0	0	0	0	0	0	0	0
4708101392	Diversified Production, LLC	2021	0	0	0	0	0	0	0	0	0	0	0	0	0
4708101392	Diversified Production, LLC	2022	0	0	0	0	0	0	0	0	0	0	0	0	0

Production NGL Information: (Volumes in Bbl) ** some operators may have reported NGL under Oil * 2023 data for H6A wells only. Other wells are incomplete at this time.

API	PRODUCING_OPERATOR	PRD_YEAR	ANN_NGL	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DCM
4708101392	Enervest Operating, LLC	2013	0	0	0	0	0	0	0	0	0	0	0	0	0
4708101392	Enervest Operating, LLC	2014	0	0	0	0	0	0	0	0	0	0	0	0	0
4708101392	Enervest Operating, LLC	2015	0	0	0	0	0	0	0	0	0	0	0	0	0
4708101392	Enervest Operating, LLC	2016	0	0	0	0	0	0	0	0	0	0	0	0	0
4708101392	Nytlis Exploration Co., LLC	2018	0	0	0	0	0	0	0	0	0	0	0	0	0
4708101392	Nytlis Exploration Co., LLC	2019	0	0	0	0	0	0	0	0	0	0	0	0	0
4708101392	Diversified Production, LLC	2020	0	0	0	0	0	0	0	0	0	0	0	0	0
4708101392	Diversified Production, LLC	2021	0	0	0	0	0	0	0	0	0	0	0	0	0
4708101392	Diversified Production, LLC	2022	0	0	0	0	0	0	0	0	0	0	0	0	0

Production Water Information: (Volumes in Gallons) * 2023 data for H6A wells only. Other wells are incomplete at this time.

API	PRODUCING_OPERATOR	PRD_YEAR	ANN_WTR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DCM
4708101392	Enervest Operating, LLC	2016	0	0	0	0	0	0	0	0	0	0	0	0	0
4708101392	Nytlis Exploration Co., LLC	2018	0	0	0	0	0	0	0	0	0	0	0	0	0
4708101392	Nytlis Exploration Co., LLC	2019	0	0	0	0	0	0	0	0	0	0	0	0	0
4708101392	Diversified Production, LLC	2020	0	0	0	0	0	0	0	0	0	0	0	0	0
4708101392	Diversified Production, LLC	2021	0	0	0	0	0	0	0	0	0	0	0	0	0
4708101392	Diversified Production, LLC	2022	0	0	0	0	0	0	0	0	0	0	0	0	0

Stratigraphy Information:

API	SUFFIX	FM	FM_QUALITY	DEPTH_TOP	DEPTH_QUALITY	THICKNESS	THICKNESS_QUALITY	ELEV	DATUM
4708101392	Dvtd Orgrl Loc	unidentified coal	Well Record	687	Reasonable	2	Reasonable	2134	Ground Level
4708101392	Dvtd Orgrl Loc	unidentified coal	Well Record	736	Reasonable	2	Reasonable	2134	Ground Level
4708101392	Dvtd Orgrl Loc	Beckley Lo Splt coal	Well Record	1002	Reasonable	4	Reasonable	2134	Ground Level
4708101392	Dvtd Orgrl Loc	Fire Creek coal	Well Record	1043	Reasonable	1	Reasonable	2134	Ground Level

Wireline (E-Log) Information:

* There is no Scanned/Raster Log data for this well

* There is no Digitized/LAS 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

07/05/2024

4708101390P

1) Date: 5/14/2024

2) Operator's Well Number TYGERT 1A

3) API Well No.: 47 - 081 - 01390

STATE OF WEST VIRGINIA
DEPARTMENT OF ENVIRONMENTAL PROTECTION, OFFICE OF OIL AND GAS
NOTICE OF APPLICATION TO PLUG AND ABANDON A WELL (CBM well)

4) Surface Owner(s) to be served:	5) (a) Coal Operator
(a) Name <u>Bilyane Tygrett</u>	Name <u>None Reported</u>
Address <u>P.O. Box 482</u>	Address _____
<u>Bolt, WV 25817</u>	_____
(b) Name _____	(b) Coal Owner(s) with Declaration
Address _____	Name <u>Farmer Ella Davis Trust c/o Linda Granacher</u>
_____	Address <u>284 Somersly Pl.</u>
_____	<u>Lexington, KY 40515</u>
(c) Name _____	Name _____
Address _____	Address _____
_____	_____
6) Inspector <u>Murdock Howard</u>	(c) Coal Lessee with Declaration
Address <u>PO Box 140</u>	Name <u>None Reported</u>
<u>Oak Hill, WV 25901</u>	Address _____
Telephone <u>(681) 990-2568</u>	_____

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

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

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

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

Well Operator Diversified Production, LLC
 By: Chris Veazey
 Its: Director of Administration
 Address 414 Summers Street
Charleston, WV 25301
 Telephone 304-590-7707



Subscribed and sworn before me this 14th day of May, 2024

My Commission Expires September 28, 2028 Notary Public

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.

RECEIVED
Office of Oil and Gas
MAY 20 2024
WV Department of
Environmental Protection

07/05/2024

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

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25301
C4000004
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0901000010726



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9407 1362 0855 1037 6942 53



BILYANE TYGRET
PO BOX 482
BOLT WV 25817-0482

4708101390P

RECEIVED
Office of Oil and Gas
MAY 20 2024
WV Department of
Environmental Protection

07/05/2024

5/14/24, 3:24 PM

SURFACE OWNER WAIVER

4708101390P

Operator's Well
Number

TYGERT 1A

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,

RECEIVED
Office of Oil and Gas

MAY 20 2024

WV Department of
Environmental Protection

_____	_____	_____	_____
Signature	Date	Name	Date
		By	
		Its	
		Signature	Date

07/05/2024

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

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FARMER ELLA DAVIS TRUST
C/O LINDA GRANCACHER
284 SOMERSLY PL
LEXINGTON KY 40515-5718

4708101390F

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Office of Oil and Gas
MAY 20 2024
WV Department of
Environmental Protection

07/05/2024

5/14/24, 3:23 PM

WW-4B

4708101390P

API No.	4708101390
Farm Name	<u>Tygrett, Bilyane</u>
Well No.	<u>TYGERT 1A</u>

**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
MAY 20 2024
WV Department of
Environmental Protection

07/05/2024



DIVERSIFIED
energy

4708101390P

Date: 5/14/2024

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

Mr. Martin,

Due to our cement provider, LaFarge Holcem, discontinuing the manufacturing of Class A cement, DGOC will be utilizing Class L cement to plug the following well:

API Number 4708101390 Well Name TYGERT 1A

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

Sincerely,

Chris Veazey
Permitting Supervisor
304-590-7707

RECEIVED
Office of Oil and Gas
MAY 20 2024
WV Department of
Environmental Protection



 west virginia department of environmental protection

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

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

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

**IN THE MATTER OF A VARIANCE FROM)
 LEGISLATIVE RULE 35CSR4) ORDER NO. 2022-13
 SECTION 14.1. AND LEGISLATIVE RULE)
 35CSR8 SECTION 20.1,)
 RELATING TO THE CEMENTING)
 OF OIL AND GAS WELLS)**

REPORT OF THE OFFICE

In response to industry requests, the West Virginia Department of Environmental Protection, Office of Oil and Gas has reviewed the proposed use of American Petroleum Institute (API) Class L cement to be used in place of API Class A cement for well plugging.

FINDINGS OF FACT

1. On July 28, 2022, Diversified Gas & Oil Co. (DGO) submitted a variance request from Legislative Rule 35CSR4 for the use of API Class L cement in place of API Class A cement, relating to the plugging of conventional wells.
2. Laboratory analysis submitted by DGO on July 28, 2022, indicates API Class L cement is comparable to API Class A cement and thereby satisfies the requirements of the West Virginia Code.
3. Contemporaneously, the Chief of the Office of Oil and Gas also chose to consider a variance to Legislative Rule 35CSR8 Section 20.1., for the use of API Class L cement in place of API Class A cement, relating to the plugging of horizontal wells.

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

WW-9
(5/16)

4708101390P

API Number 47 - 081 - 01390
Operator's Well No. TYGERT 1A

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

Operator Name: Diversified Production, LLC OP Code 494524121

Watershed (HUC 10) Breckenridge Creek of Marsh Fork Quadrangle Arnett 7.5'

Do you anticipate using more than 5,000 bbls of water to complete the proposed well work? Yes No
 Will a pit be used? Yes No

If so, please describe anticipated pit waste: Production fluid and cement returns.

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

Proposed Disposal Method For Treated Pit Wastes:

- Land Application (if selected provide a completed form WW-9-GPP)
- * Underground Injection (UIC Permit Number 2D03902327 002)
- Reuse (at API Number _____)
- Off Site Disposal (Supply form WW-9 for disposal location)
- Other (Explain _____)

Will closed loop system be used? If so, describe: N/A

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

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

Additives to be used in drilling medium? N/A

Drill cuttings disposal method? Leave in pit, landfill, removed offsite, etc. N/A

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

-Landfill or offsite name/permit number? N/A

Permittee shall provide written notice to the Office of Oil and Gas of any load of drill cuttings or associated waste rejected at any West Virginia solid waste facility. The notice shall be provided within 24 hours of rejection and the permittee shall also disclose where it was properly disposed.

I certify that I understand and agree to the terms and conditions of the GENERAL WATER POLLUTION PERMIT issued on April 1, 2016, by the Office of Oil and Gas of the West Virginia Department of Environmental Protection. I understand that the provisions of the permit are enforceable by law. Violations of any term or condition of the general permit and/or other applicable law or regulation can lead to enforcement action.

I certify under penalty of law that I have personally examined and am familiar with the information submitted on this application form and all attachments thereto and that, based on my inquiry of those individuals immediately responsible for obtaining the information, I believe that the information is true, accurate, and complete. I am aware that there are significant penalties for submitting false information, including the possibility of fine or imprisonment.

Company Official Signature *Chris Veazey*
Company Official (Typed Name) Chris Veazey
Company Official Title Permitting Supervisor



Subscribed and sworn before me this 14th day of May, 2024

Jeffrey Bush Notary Public

My commission expires September 28, 2028

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

Lime 3 Tons/acre or to correct to pH 6.5

Fertilizer type 10-20-20 or Equivalent

Fertilizer amount 500 lbs/acre

Mulch 2 Tons/acre

Seed Mixtures

Temporary		Permanent	
Seed Type	lbs/acre	Seed Type	lbs/acre
Red Fescue	40	Red Fescue	15
Alsike	5	Alsike Clover	5
Annual Rye	15		

Attach:

Maps(s) of road, location, pit and proposed area for land application (unless engineered plans including this info have been provided). If water from the pit will be land applied, provide water volume, include dimensions (L, W, D) of the pit, and dimensions (L, W), and area in acres, of the land application area.

Photocopied section of involved 7.5' topographic sheet.

Plan Approved by: Murdock Howard

Comments: Operator to cover with cement all oil and gas formations, including salt, elevation, coals and fresh water.

Title: Inspector

Date: 5/15/24

Field Reviewed? Yes

No

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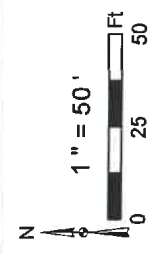
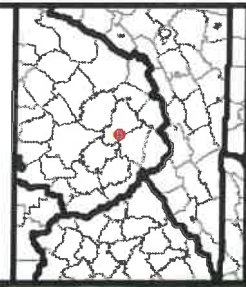


Diversified Gas & Oil Corporation
100 Diversified Way
Pikeville KY, 41051

47-081-01390
Well Plugging Map

Legend

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



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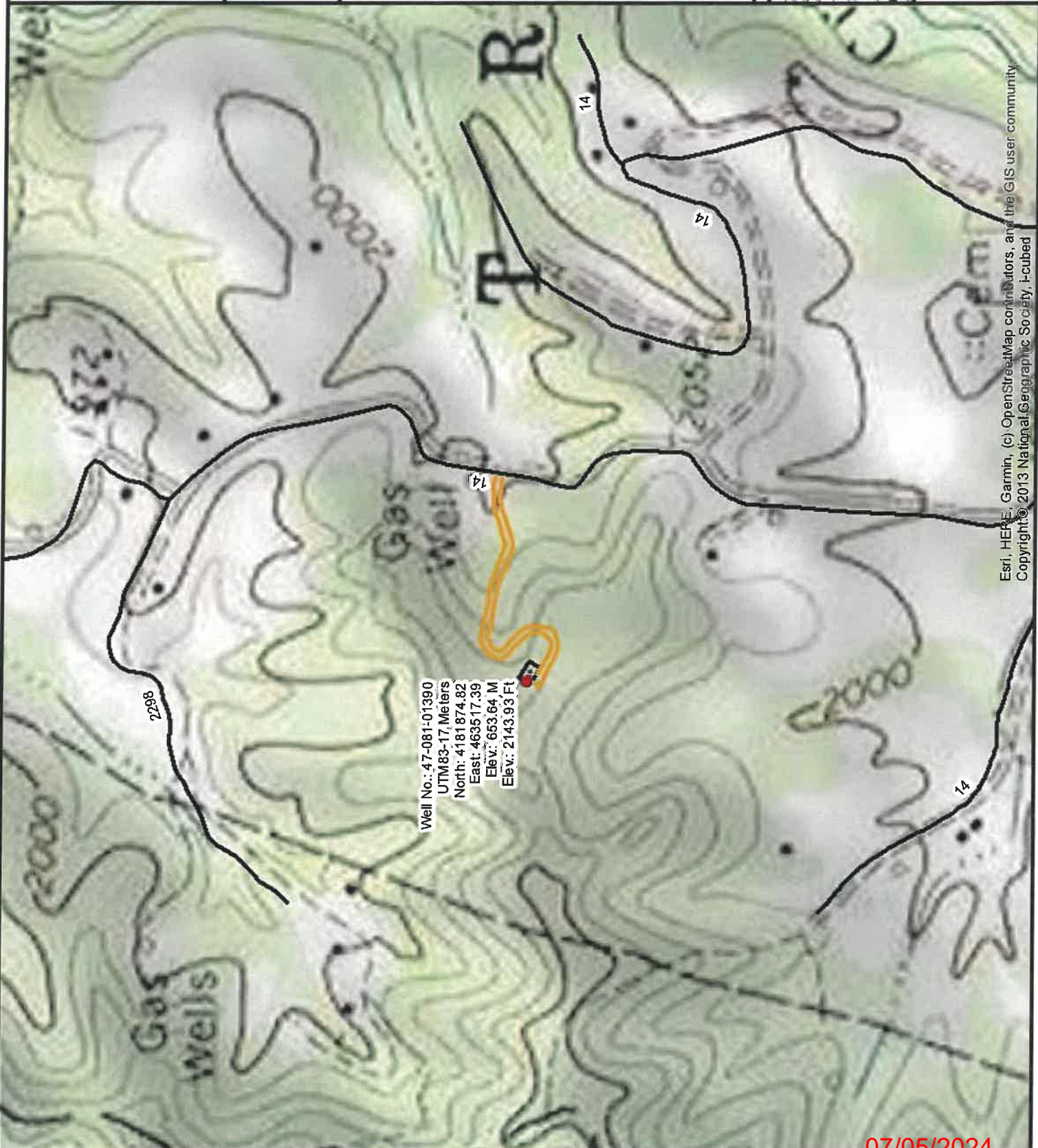
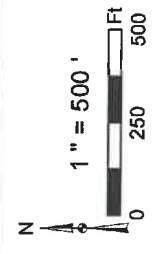
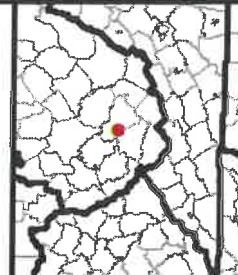
Diversified Gas & Oil Corporation
100 Diversified Way
Pikeville KY, 41051

47-081-01390

Well Plugging Map

Legend

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



Well No.: 47-081-01390
 UTM83-17, Meters
 North: 4181874.82
 East: 463517.39
 Elev.: 653.64 M
 Elev.: 2143.93 Ft

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WW-7
8-30-06



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

API: 4708101390 WELL NO.: TYGERT 1A

FARM NAME: Tygrett, Bilyane

RESPONSIBLE PARTY NAME: Diversified Production, LLC

COUNTY: Raleigh DISTRICT: Trap Hill

QUADRANGLE: Arnett 7.5'

SURFACE OWNER: Bilyane Tygrett

ROYALTY OWNER: Ella Davis Farmer Et. Al.

UTM GPS NORTHING: 4181874.82

UTM GPS EASTING: 463517.39 GPS ELEVATION: 2143.93'

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

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

Survey grade GPS : Post Processed Differential
Real-Time Differential

Mapping Grade GPS : Post Processed Differential
Real-Time Differential

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

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

Signature

Chris Veazey - Director of Administration
Title

5/14/24
Date

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4708101390P

11/10/2016

PLUGGING PERMIT CHECKLIST

4708101390

ACCESS CBM

Plugging Permit

- WW-4B
- WW-4B signed by inspector
- WW-4A

- SURFACE OWNER WAIVER or PROOF THAT APPLICATION WAS SENT BY REGISTERED OR CERTIFIED MAIL

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

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