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west virginia department of environmental protection

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

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

Tuesday, March 22, 2022  
WELL WORK PLUGGING PERMIT  
Vertical Plugging

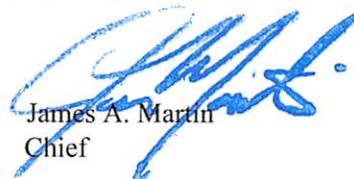
DIVERSIFIED PRODUCTION LLC  
101 MCQUISTON DRIVE  
JACKSON CENTER, PA 16133

Re: Permit approval for 1-SR-1508  
47-035-01007-00-00

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: 1-SR-1508  
Farm Name: MOORE, J. T.  
U.S. WELL NUMBER: 47-035-01007-00-00  
Vertical Plugging  
Date Issued: 3/22/2022

Promoting a healthy environment.

03/25/2022

## PERMIT CONDITIONS

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

### CONDITIONS

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1. All pits must be lined with a minimum of 20 mil thickness synthetic liner.
2. In the event of an accident or explosion causing loss of life or serious personal injury in or about the well or while working on the well, the well operator or its contractor shall give notice, stating the particulars of the accident or explosion, to the oil and gas inspector and the Chief within twenty-four (24) hours.
3. Well work activities shall not constitute a hazard to the safety of persons.

WW-4B  
Rev. 2/01

- 1) Date March 4, 2022
- 2) Operator's  
Well No. 1
- 3) API Well No. 47-035 - 01007

RECEIVED  
Office of Oil and Gas

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

MAR 15 2022

WV Department of  
Environmental Protection

APPLICATION FOR A PERMIT TO PLUG AND ABANDON

4) Well Type: Oil \_\_\_ / Gas X / Liquid injection \_\_\_ / Waste disposal \_\_\_ /  
(If "Gas, Production X or Underground storage \_\_\_) Deep \_\_\_ / Shallow X

5) Location: Elevation 1022.18 feet Watershed Peppermint Creek  
District Ripley County Jackson Quadrangle Winfield

6) Well Operator Diversified Production, LLC 7) Designated Agent Jeff Mast  
Address 414 Summers Street Address 31 Hickory Drive  
Charleston, WV 25301 Barboursville, WV 25504

8) Oil and Gas Inspector to be notified Name Joe Taylor  
Address 1478 Claylick Road  
Ripley, WV 25271  
9) Plugging Contractor Name Diversified Production, LLC (In-house rig)  
Address 1951 Pleasantview Ridge Road  
Ravenswood, WV 26164

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

See Attached

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

Work order approved by inspector  Date 3-10-22

03/25/2022

**Plugging Prognosis**

API #: 4703501007

West Virginia, Jackson County

Lat/Long: 38.70250254, -81.75589325

Nearest ER: Jackson General Hospital, 122 Pinnell St, Ripley, WV 25271

**Casing Schedule**

13" @ 312'

8-1/4" @ 2,388' (no cement record)

7" @ 5,133' (cemented to 4,852 w/ 25 sx) ✓

TD @ 5,168' (Hole plugged back to 5,168)

Completion: Natural open hole completion

Fresh Water: 1,266'

Salt Water: 1,850'

Gas Shows: 1,815'-1,823'; 2,699'-2,702'; 5,154-5,160'

Oil Shows: No shows

Coal: No shows

Elevation: 1,004'

1. Notify Inspector Joe Taylor @ 304-380-7469, 48 hrs prior to commencing operations.
2. Check and record pressures on csg/tbg.
3. Check TD w/ wireline.
4. TIH w/ tbg to 5,154'. Kill well as needed with 6% bentonite gel and fill rat hole with gel. Pump at least 10 bbls gel. Pump 100' C1A cement plug from 5,154' to 5,054' (Oriskany completion, gas show and 7" csg shoe plug). Tag TOC. Top of as needed.
5. TOOH w/ tbg to 5,054'. Pump 6% bentonite gel from 5,054' to 2,702'.
6. Free point 7" csg. Cut and TOOH. Set 100' C1A cement plug across csg cut. 50' in/out of cut. **Do not omit any plugs list below. Perforate as needed.**
7. TOOH w/ tbg to 2,702'. Pump 103' C1A cement plug from 2,702' to 2,599' (gas show plug).
8. TOOH w/ tbg to 2,599'. Pump 6% bentonite gel from 2,599' to 2,438'.
9. TOOH w/ tbg to 2,438'. Pump 100' C1A cement plug from 2,438' to 2,338' (8-1/4" csg shoe plug).
10. TOOH w/ tbg to 2,338'. Pump 6% bentonite gel from 2,338' to 1,850'.
11. Free point 8-1/4" csg. Cut and TOOH. Set 100' C1A cement plug across csg cut. 50' in/out of cut. **Do not omit any plugs list below. Perforate as needed.**
12. TOOH w/ tbg to 1,850'. Pump 135' C1A cement plug from 1,850' to 1,715' (Gas show and saltwater plug).
13. TOOH w/ tbg to 1,715'. Pump 6% bentonite gel from 1,715' to 1,266'.
14. TOOH w/ tbg to 1,266'. Pump 100' C1A cement plug from 1,266' to 1,166' (freshwater plug).
15. TOOH w/ tbg to 1,166'. Pump 6% bentonite gel from 1,166' to 1,004'.
16. TOOH w/ tbg to 1,004'. Pump 100' C1A cement plug from 1,004' to 904' (elevation plug).
17. TOOH w/ tbg to 904'. Pump 6% bentonite gel from 904' to 362'.

4703501007P

18. TOOH w/ tbg to 362'. Pump 100' C1A cement plug from 362' to 262' (13" csg shoe plug).
19. TOOH w/ tbg to 262'. Pump 6% bentonite gel from 262'- 100'
20. TOOH w/ tbg to 100'. Pump 100' C1A cement plug from 100'- surface' (Surface plug plug).
21. Reclaim well site and erect plugging monument to WV DEP specifications.

03/25/2022



STATE OF WEST VIRGINIA  
DEPARTMENT OF MINES  
OIL AND GAS DIVISION 10

Quadrangle Winfield

Permit No. JAC-1007

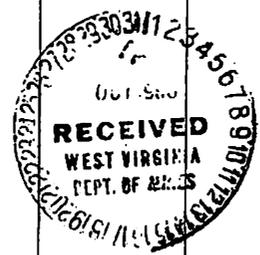
WELL RECORD

Oil or Gas Well GAS  
(KIND)

Company East Cabot Corporation  
Address Charleston, W. Va.  
Farm J. T. Moore Acres 300  
Location (waters) \_\_\_\_\_  
Well No. 1, Serial 1508 Elev. 1004  
District Ripley County Jackson  
The surface of tract is owned in fee by J. T. Moore  
315 Randolph St. Address Charleston, W. Va.  
Mineral rights are owned by do  
Address \_\_\_\_\_  
Drilling commenced April 6, 1960  
Drilling completed August 6, 1960  
Date Shot \_\_\_\_\_ From \_\_\_\_\_ To \_\_\_\_\_  
With \_\_\_\_\_  
Open Flow /10ths Water in \_\_\_\_\_ Inch  
/10ths Merc. in \_\_\_\_\_ Inch  
Volume \_\_\_\_\_ Cu. Ft.  
Rock Pressure Not taken lbs. \_\_\_\_\_ hrs.  
Oil \_\_\_\_\_ bbls., 1st 24 hrs.  
WELL ACIDIZED \_\_\_\_\_  
CASING CEMENTED Set SIZE 7" No. Ft. \_\_\_\_\_ Date  
25 bags  
COAL WAS ENCOUNTERED AT \_\_\_\_\_ FEET \_\_\_\_\_ INCHES  
\_\_\_\_\_ FEET \_\_\_\_\_ INCHES  
\_\_\_\_\_ FEET \_\_\_\_\_ INCHES  
WELL FRACTURED 9/26/60 with 30,000 gallons of gelled water and 16,000# sand.

RESULT AFTER TREATMENT Production test: 950 Mcf - 165# line pressure.  
ROCK PRESSURE AFTER TREATMENT \_\_\_\_\_  
Fresh Water 1266 Feet \_\_\_\_\_ Salt Water 1850' Feet \_\_\_\_\_

Formation	Color	Hard or Soft	Top	Bottom	Oil, Gas or Water	Depth	Remarks
Red Rock			0	23			
Sand			23	29			
Red Rock			29	50			
Shale			50	75			
Red Rock			75	198			
Lime			198	214			
Shale			214	225			
Red Rock			225	252			
Lime			252	281			
Sand			281	353			
Red Rock			353	365			
Sand			365	489			
Red Rock			489	540			
Shale			540	550			
Red Rock			550	725			
Lime			725	740			
Red Rock			740	780			
Slate & Shell			780	882			
Lime			882	896			
Sand			896	915			
Shale			915	1085			
Sand			1085	1100			
Red Rock			1100	1151			
Slate			1151	1174			
Lime			1174	1190			
Sand			1190	1220			
Shale			1220	1245			
Sand			1245	1316			
Slate & Shell			1316	1417	Water	1266	1/2 bailer



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MAR 10 2022  
WV Department of Environmental Protection

(over)

Formation	Color	Hard or Soft	Top /0	Bottom	Oil, Gas or Water	Depth Found	Remarks
Sand			1417	1462			
Slate & Shel			1462	1486			
Sand			1486	1561			
Shale			1561	1583			
Sand			1583	1617			
Shale			1617	1815			
Sand			1815	2058	Gas Water	1815-23; 1850	327 Mcf. Hole full.
Big Lime			2058	2234			
Injun			2234	2345			
Slate & Shell			2345	2697			
Sand			2697	2712	Gas	2699-2702	Would not test.
Slate & Shell			2712	3915			
Brown Shale			3915	3945			
Lime			3945	3960			
Slate & Shell			3960	4155			
Shale			4155	4389			
Slate & Shell			4389	4810			
Brown Shale			4810	4908			
Slate & Shell			4908	4969			
Brown Shale			4969	5062			
CORNIFEROUS			5062	5146			
ORISKANY			5146	5171	Gas	5154-60	232 Mcf
Shale			5171	5182			
TOTAL DEPTH				5182			

NOTE: HOLE CEMENTED BACK TO 5168.

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Office of Oil and Gas

MAR 10 2022

Date October 26

WV Department of  
Environmental Protection

APPROVED CAROT CORPORATION

03/25/2022

4703501007P

00-11

STATE OF WEST VIRGINIA  
DEPARTMENT OF MINES  
OIL AND GAS DIVISION

INSPECTOR'S WELL REPORT

Permit No. JAC 1007

Oil or Gas Well 1 SR-1508  
(KIND)

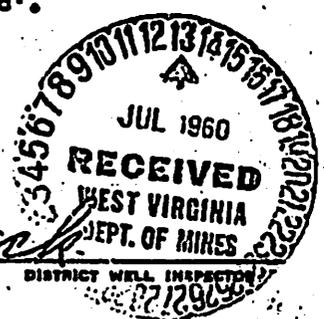
Company <u>Godfrey L. Cabot, Inc.</u> Address <u>900 Union Building</u> <u>Charleston, W. Va.</u> Farm <u>John T. Moore</u> Well No. <u>1-SR-1508</u> District <u>Ripley</u> County <u>Jackson</u> Drilling commenced <u>4-6-60</u> Drilling completed _____ Total depth _____ Date shot _____ Depth of shot _____ Initial open flow <u>16</u> /10ths Water in <u>2</u> Inch Open flow after tubing _____ /10ths Merc. in _____ Inch Volume _____ Cu. Ft. Rock pressure _____ lbs. _____ hrs. Oil _____ bbls., 1st 24 hrs. Fresh water <u>no</u> feet _____ feet Salt water <u>1260</u> feet _____ feet	CASING AND TUBING Size 16 13 10 8 1/4 6 3/8 5 3/16 3 2 Liners Used	USED IN DRILLING 18' 300' 1300' Pulled 2400'	LEFT IN WELL	PACKERS Kind of Packer _____ Size of _____ Depth set _____ Perf. top _____ Perf. bottom _____ Perf. top _____ Perf. bottom _____
	CASING CEMENTED _____ SIZE _____ No. FT. _____ Date _____			
	COAL WAS ENCOUNTERED AT _____ FEET _____ INCHES _____ FEET _____ INCHES FEET _____ INCHES _____ FEET _____ INCHES FEET _____ INCHES			

Drillers' Names Walter Pinkerton  
Walter Burton

Remarks: Salt Sand 1815'-2058'; gas in Salt Sand from 1815'-1823'; Big Lime 2058'-2234'; Injun Sand 2234'-2345'; Berea Sand 2697'-2712'; drilling depth= 4238'.

7-6-60

DATE



03/25/2022



Select County: (035) Jackson  (Check All)

Enter Permit #: 01007

Get Data    Reset

Select datatypes:

- 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](#)

WV Geological & Economic Survey:

**Well: County = 35 Permit = 01007**

Report Time: Monday, March 21, 2022 11:51:53 AM

Location Information: [View Map](#)

API	COUNTY	PERMIT	TAX_DISTRICT	QUAD_75	QUAD_15	LAT_DD	LON_DD	UTME	UTMN
4703501007	Jackson	1007	Ripley	Elmwood	Winfield	38.702481	-81.755845	434276.4	4284032.5

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
4703501007	8/6/1960	Original Loc	Completed	John T Moore	1	1508				Cabot, Godfrey L.		

Completion Information:

API	CMP_DT	SPUD_DT	ELEV	DATUM	FIELD	DEEPEST_FM	DEEPEST_FMT	INITIAL_CLASS	FINAL_CLASS	TYPE	RIG	CMP_MTHD	TVD	TMD	NEV
4703501007	8/6/1960	4/6/1960	1004	Ground Level	Elk-Pca(Ssnv)	ORSK-Heldbg(undiff)		Development Well	Development Well	Gas	unknown	Fractured	5182		

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
4703501007	8/6/1960	Water	Fresh Water	Vertical			1266						1
4703501007	8/6/1960	Show	Gas	Vertical	1815	Salt Sands (undiff)	1823	Salt Sands (undiff)	327	0			0
4703501007	8/6/1960	Water	Salt Water	Vertical			1850						
4703501007	8/6/1960	Show	Gas	Vertical	2699	Berea Ss	2702	Berea Ss	0	0			
4703501007	8/6/1960	Pay	Gas	Vertical	5154	Oriskany	5160	Oriskany	232	950			

Production Gas Information: (Volumes in Mcf)

API	PRODUCING_OPERATOR	PRD_YEAR	ANN_GAS	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DCM
4703501007	Cabot Oil & Gas Corp.	1979	12,904												
4703501007	Cabot Oil & Gas Corp.	1980	13,341												
4703501007	Cabot Oil & Gas Corp.	1981	10,618	1,217	1,061	1,023	1,121	988	901	1,067	838	650	440	518	794
4703501007	Cabot Oil & Gas Corp.	1982	4,698	468	602	783	594	43	630	92	0	213	304	465	504
4703501007	Cabot Oil & Gas Corp.	1983	7,927	618	605	663	597	557	847	693	882	707	604	638	516
4703501007	Cabot Oil & Gas Corp.	1984	5,654	580	537	630	559	645	344	377	457	304	421	410	391
4703501007	Cabot Oil & Gas of West Virginia (COGC of WV)	1986	3,131	302	373	163	456	442	359	352	250	192	118	75	49
4703501007	Cabot Oil & Gas Corp.	1987	1,923	17	8	7	7	7	7	127	279	275	416	369	404
4703501007	Cabot Oil & Gas of West Virginia (COGC of WV)	1988	5,613	313	281	461	319	373	747	427	465	361	420	692	754
4703501007	Cabot Oil & Gas of West Virginia (COGC of WV)	1989	8,161	555	489	725	826	703	409	577	940	793	727	769	648
4703501007	Cabot Oil & Gas of West Virginia (COGC of WV)	1990	9,317	880	735	710	778	933	785	727	850	702	868	680	669
4703501007	Cabot Oil & Gas Corp.	1991	6,948	716	574	511	686	602	517	596	537	647	741	377	444
4703501007	Cabot Oil & Gas Corp.	1992	7,129	600	528	561	633	628	691	590	632	553	617	518	578
4703501007	Cabot Oil & Gas Corp.	1993	5,703	386	428	598	621	613	534	548	499	360	372	347	397
4703501007	Cabot Oil & Gas Corp.	1994	6,223	433	420	560	575	593	541	608	552	495	473	512	461
4703501007	Cabot Oil & Gas Corp.	1995	6,580	529	488	584	584	574	596	579	581	420	615	490	540
4703501007	Cabot Oil & Gas Corp.	1996	6,330	470	506	553	571	575	464	532	519	514	557	526	543
4703501007	Cabot Oil & Gas Corp.	1997	6,732	589	485	603	464	572	589	619	593	581	560	526	551
4703501007	Cabot Oil & Gas Corp.	1998	5,861	559	464	506	540	609	527	365	378	436	467	500	510
4703501007	Cabot Oil & Gas Corp.	1999	5,522	502	458	493	496	424	294	486	517	394	507	477	474
4703501007	Cabot Oil & Gas Corp.	2000	5,648	462	463	506	497	490	512	510	524	447	474	440	323

4703501007

4703501007	Cabot Oil & Gas Corp.	2001	5,051	382	385	383	382	490	441	453	438	422	440	418	417
4703501007	Cabot Oil & Gas Corp.	2002	5,049	369	377	431	451	457	426	458	472	440	430	352	386
4703501007	Cabot Oil & Gas Corp.	2003	4,319	412	380	422	407	363	280	311	422	194	268	434	426
4703501007	Cabot Oil & Gas Corp.	2004	4,984	414	405	422	426	424	413	419	440	388	425	396	412
4703501007	Cabot Oil & Gas Corp.	2005	4,402	402	353	389	360	400	402	363	308	337	358	357	373
4703501007	Cabot Oil & Gas Corp.	2006	2,929	398	344	341	206	213	150	231	238	138	211	237	222
4703501007	Cabot Oil & Gas Corp.	2007	2,435	250	234	203	162	137	165	215	190	146	266	207	260
4703501007	Cabot Oil & Gas Corp.	2008	2,768	303	279	244	227	229	204	217	190	198	207	217	253
4703501007	Cabot Oil & Gas Corp.	2009	2,458	205	161	202	209	138	101	328	267	209	175	258	205
4703501007	Cabot Oil & Gas Corp.	2010	1,666	163	129	230	229	221	140	163	117	140	61	44	29
4703501007	Cabot Oil & Gas Corp.	2011	22	16	6	0	0	0	0	0	0	0	0	0	0
4703501007	Cabot Oil & Gas Corp.	2012	155	0	0	0	0	0	0	0	0	0	8	80	67
4703501007	Cabot Oil & Gas Corp.	2013	177	49	77	21	13	0	13	2	0	0	0	2	0
4703501007	Cabot Oil & Gas Corp.	2014	15	0	0	7	3	5	0	0	0	0	0	0	0
4703501007	Cabot Oil & Gas Corp.	2015	0	0	0	0	0	0	0	0	0	0	0	0	0
4703501007	Nytils Exploration Co., LLC	2016	0	0	0	0	0	0	0	0	0	0	0	0	0
4703501007	Nytils Exploration Co., LLC	2017	0	0	0	0	0	0	0	0	0	0	0	0	0
4703501007	Nytils Exploration Co., LLC	2018	0	0	0	0	0	0	0	0	0	0	0	0	0
4703501007	Nytils Exploration Co., LLC	2019	0	0	0	0	0	0	0	0	0	0	0	0	0
4703501007	Nytils Exploration Co., LLC	2020	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

API	PRODUCING OPERATOR	PRD_YEAR	ANN_OIL	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DCM
4703501007	Cabot Oil & Gas Corp.	1979	0	0	0	0	0	0	0	0	0	0	0	0	0
4703501007	Cabot Oil & Gas Corp.	1980	0	0	0	0	0	0	0	0	0	0	0	0	0
4703501007	Cabot Oil & Gas Corp.	1981	0	0	0	0	0	0	0	0	0	0	0	0	0
4703501007	Cabot Oil & Gas Corp.	1982	0	0	0	0	0	0	0	0	0	0	0	0	0
4703501007	Cabot Oil & Gas Corp.	1983	0	0	0	0	0	0	0	0	0	0	0	0	0
4703501007	Cabot Oil & Gas Corp.	1984	0	0	0	0	0	0	0	0	0	0	0	0	0
4703501007	Cabot Oil & Gas of West Virginia (COGC of WV)	1986	0	0	0	0	0	0	0	0	0	0	0	0	0
4703501007	Cabot Oil & Gas Corp.	1987	0	0	0	0	0	0	0	0	0	0	0	0	0
4703501007	Cabot Oil & Gas of West Virginia (COGC of WV)	1988	0	0	0	0	0	0	0	0	0	0	0	0	0
4703501007	Cabot Oil & Gas of West Virginia (COGC of WV)	1989	0	0	0	0	0	0	0	0	0	0	0	0	0
4703501007	Cabot Oil & Gas of West Virginia (COGC of WV)	1990	0	0	0	0	0	0	0	0	0	0	0	0	0
4703501007	Cabot Oil & Gas Corp.	1991	0	0	0	0	0	0	0	0	0	0	0	0	0
4703501007	Cabot Oil & Gas Corp.	1992	0	0	0	0	0	0	0	0	0	0	0	0	0
4703501007	Cabot Oil & Gas Corp.	1993	0	0	0	0	0	0	0	0	0	0	0	0	0
4703501007	Cabot Oil & Gas Corp.	1994	0	0	0	0	0	0	0	0	0	0	0	0	0
4703501007	Cabot Oil & Gas Corp.	1995	0	0	0	0	0	0	0	0	0	0	0	0	0
4703501007	Cabot Oil & Gas Corp.	1996	0	0	0	0	0	0	0	0	0	0	0	0	0
4703501007	Cabot Oil & Gas Corp.	1997	0	0	0	0	0	0	0	0	0	0	0	0	0
4703501007	Cabot Oil & Gas Corp.	1998	0	0	0	0	0	0	0	0	0	0	0	0	0
4703501007	Cabot Oil & Gas Corp.	1999	0	0	0	0	0	0	0	0	0	0	0	0	0
4703501007	Cabot Oil & Gas Corp.	2000	0	0	0	0	0	0	0	0	0	0	0	0	0
4703501007	Cabot Oil & Gas Corp.	2001	0	0	0	0	0	0	0	0	0	0	0	0	0
4703501007	Cabot Oil & Gas Corp.	2002	0	0	0	0	0	0	0	0	0	0	0	0	0
4703501007	Cabot Oil & Gas Corp.	2003	0	0	0	0	0	0	0	0	0	0	0	0	0
4703501007	Cabot Oil & Gas Corp.	2004	0	0	0	0	0	0	0	0	0	0	0	0	0
4703501007	Cabot Oil & Gas Corp.	2005	0	0	0	0	0	0	0	0	0	0	0	0	0
4703501007	Cabot Oil & Gas Corp.	2006	0	0	0	0	0	0	0	0	0	0	0	0	0
4703501007	Cabot Oil & Gas Corp.	2007	4	0	0	0	0	0	0	0	0	0	2	2	0
4703501007	Cabot Oil & Gas Corp.	2008	0	0	0	0	0	0	0	0	0	0	0	0	0
4703501007	Cabot Oil & Gas Corp.	2009	0	0	0	0	0	0	0	0	0	0	0	0	0
4703501007	Cabot Oil & Gas Corp.	2010	0	0	0	0	0	0	0	0	0	0	0	0	0
4703501007	Cabot Oil & Gas Corp.	2011	0	0	0	0	0	0	0	0	0	0	0	0	0
4703501007	Cabot Oil & Gas Corp.	2012	0	0	0	0	0	0	0	0	0	0	0	0	0
4703501007	Cabot Oil & Gas Corp.	2013	0	0	0	0	0	0	0	0	0	0	0	0	0
4703501007	Cabot Oil & Gas Corp.	2014	0	0	0	0	0	0	0	0	0	0	0	0	0
4703501007	Cabot Oil & Gas Corp.	2015	0	0	0	0	0	0	0	0	0	0	0	0	0
4703501007	Nytils Exploration Co., LLC	2016	0												
4703501007	Nytils Exploration Co., LLC	2017	0	0											

4708501007P

4703501007	Nytis Exploration Co., LLC	2018	0	0	0	0	0	0	0	0	0	0	0	0	0
4703501007	Nytis Exploration Co., LLC	2019	0	0	0	0	0	0	0	0	0	0	0	0	0
4703501007	Nytis Exploration Co., LLC	2020	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**

API	PRODUCING_OPERATOR	PRD_YEAR	ANN_NGL	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DCM
4703501007	Cabot Oil & Gas Corp.	2013	0	0	0	0	0	0	0	0	0	0	0	0	0
4703501007	Cabot Oil & Gas Corp.	2014	0	0	0	0	0	0	0	0	0	0	0	0	0
4703501007	Cabot Oil & Gas Corp.	2015	0	0	0	0	0	0	0	0	0	0	0	0	0
4703501007	Nytis Exploration Co., LLC	2016	0												
4703501007	Nytis Exploration Co., LLC	2018	0	0	0	0	0	0	0	0	0	0	0	0	0
4703501007	Nytis Exploration Co., LLC	2019	0	0	0	0	0	0	0	0	0	0	0	0	0
4703501007	Nytis Exploration Co., LLC	2020	0	0	0	0	0	0	0	0	0	0	0	0	0

**Production Water Information: (Volumes in Gallons)**

API	PRODUCING_OPERATOR	PRD_YEAR	ANN_WTR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DCM
4703501007	Nytis Exploration Co., LLC	2016	0												
4703501007	Nytis Exploration Co., LLC	2018	0	0	0	0	0	0	0	0	0	0	0	0	0
4703501007	Nytis Exploration Co., LLC	2019	0	0	0	0	0	0	0	0	0	0	0	0	0
4703501007	Nytis Exploration Co., LLC	2020	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
4703501007	Original Loc	Salt Sands (undiff)	Past WVGES Staff Geologist	1815	Reasonable	243	Reasonable	1004	Ground Level
4703501007	Original Loc	Greenbrier Group	Well Record	2058	Reasonable	176	Reasonable	1004	Ground Level
4703501007	Original Loc	Big Lime	Well Record	2058	Reasonable	176	Reasonable	1004	Ground Level
4703501007	Original Loc	Big Injun (Price&eq)	Well Record	2234	Reasonable	111	Reasonable	1004	Ground Level
4703501007	Original Loc	Berea Ss	Past WVGES Staff Geologist	2697	Reasonable	15	Reasonable	1004	Ground Level
4703501007	Original Loc	UDev undf:Ber/LoHURN	Well Record	2712	Reasonable	1203	Reasonable	1004	Ground Level
4703501007	Original Loc	Lower Huron	Well Record	3915	Reasonable	474	Reasonable	1004	Ground Level
4703501007	Original Loc	Big White Slate	Well Record	4389	Reasonable	421	Reasonable	1004	Ground Level
4703501007	Original Loc	Rhinestreet Sh	Well Record	4810	Reasonable	0	Qstrble Pick	1004	Ground Level
4703501007	Original Loc	Onondaga Ls	Well Record	5062	Reasonable	84	Reasonable	1004	Ground Level
4703501007	Original Loc	Oriskany	Well Record	5146	Reasonable	25	Reasonable	1004	Ground Level
4703501007	Original Loc	Helderberg	Past WVGES Staff Geologist	5171	Reasonable	0	Reasonable	1004	Ground Level

There is no Wireline (E-Log) data for this well

There is no Plugging data for this well

There is no Sample data for this well

4703501007P

4703501007P

WW-4A  
Revised 6-07

1) Date: March 4, 2022  
2) Operator's Well Number 1  
3) API Well No.: 47 - 035 - 01007

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

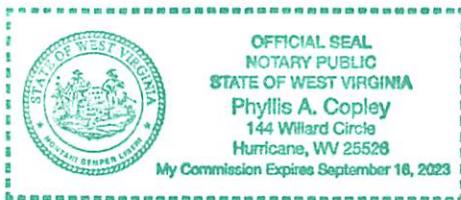
4) Surface Owner(s) to be served:	5) (a) Coal Operator
(a) Name <u>Darron W. Tanner</u>	Name <u>None</u>
Address <u>2093 Rockcastle Road</u>	Address _____
<u>Given, WV 25245</u>	_____
(b) Name _____	(b) Coal Owner(s) with Declaration
Address _____	Name <u>None</u>
_____	Address _____
(c) Name _____	Name _____
Address _____	Address _____
_____	_____
6) Inspector <u>Joe Taylor</u>	(c) Coal Lessee with Declaration
Address <u>1478 Claylick Road</u>	Name <u>No Declaration</u>
<u>Ripley, WV 25271</u>	Address _____
Telephone <u>304-380-7469</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: [Signature] Jeff Mast  
 Its: Director Technical Services  
 Address 414 Summers Strret  
Charleston, WV 25301  
 Telephone 304-543-6988

Subscribed and sworn before me this 7th day of March, 2022  
Phyllis A. Copley Notary Public  
 My Commission Expires September 18, 2023

RECEIVED  
Office of Oil and Gas  
MAR 10 2022

Oil and Gas Privacy Notice

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

03/25/2022

4703501007P  
 Well #1  
 47-035-01007

7020 3160 0000 3694 9930

U.S. Postal Service™ <b>CERTIFIED MAIL® RECEIPT</b> <i>Domestic Mail Only</i>	
For delivery information, visit our website at <a href="http://www.usps.com">www.usps.com</a> ®.	
Given, WV 25245	
Certified Mail Fee	\$3.75
	\$3.05
Extra Services & Fees (check box, add fees as appropriate)	
<input type="checkbox"/> Return Receipt (hardcopy)	\$0.00
<input type="checkbox"/> Return Receipt (electronic)	\$0.00
<input type="checkbox"/> Certified Mail Restricted Delivery	\$0.00
<input type="checkbox"/> Adult Signature Required	\$0.00
<input type="checkbox"/> Adult Signature Restricted Delivery	\$0.00
Postage	\$1.56
<b>Total</b>	<b>\$8.36</b>
Well 1 - 47-035-01007	
Ser	Darron W. Tanner
Str	2093 Rockcastle Road
City	Given, WV 25245
PS	Instructions

OFFICIAL USE  
 CULLODEN WV  
 0510  
 2  
 48 2021  
 Postmark Here  
 S-25510-9998  
 03/08/2022

RECEIVED  
 Office of Oil and Gas  
 MAR 10 2022  
 WV Department of  
 Environmental Protection  
 03/25/2022

WW-9  
(5/16)

API Number 47 - 035 - 01007  
Operator's Well No. 1

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) Peppermint Creek Quadrangle Winfield

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: Produced 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 WC Booker #1 47-039-02327 Permit UIC2D0392327 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 [Signature]  
Company Official (Typed Name) Jeff Mast  
Company Official Title Director Technical Services



Subscribed and sworn before me this 7th day of March, 2022

Phyllis A. Copley Notary Public

My commission expires September 16, 2023

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Office of Oil and Gas  
MAR 10 2022  
WV Department of  
Environmental Protection  
03/25/2022

Proposed Revegetation Treatment: Acres Disturbed 1 +/- Prevegetation pH \_\_\_\_\_

Lime 3 Tons/acre or to correct to pH 6.05

Fertilizer type \_\_\_\_\_ 10-20-20 or equivalent

Fertilizer amount \_\_\_\_\_ 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.

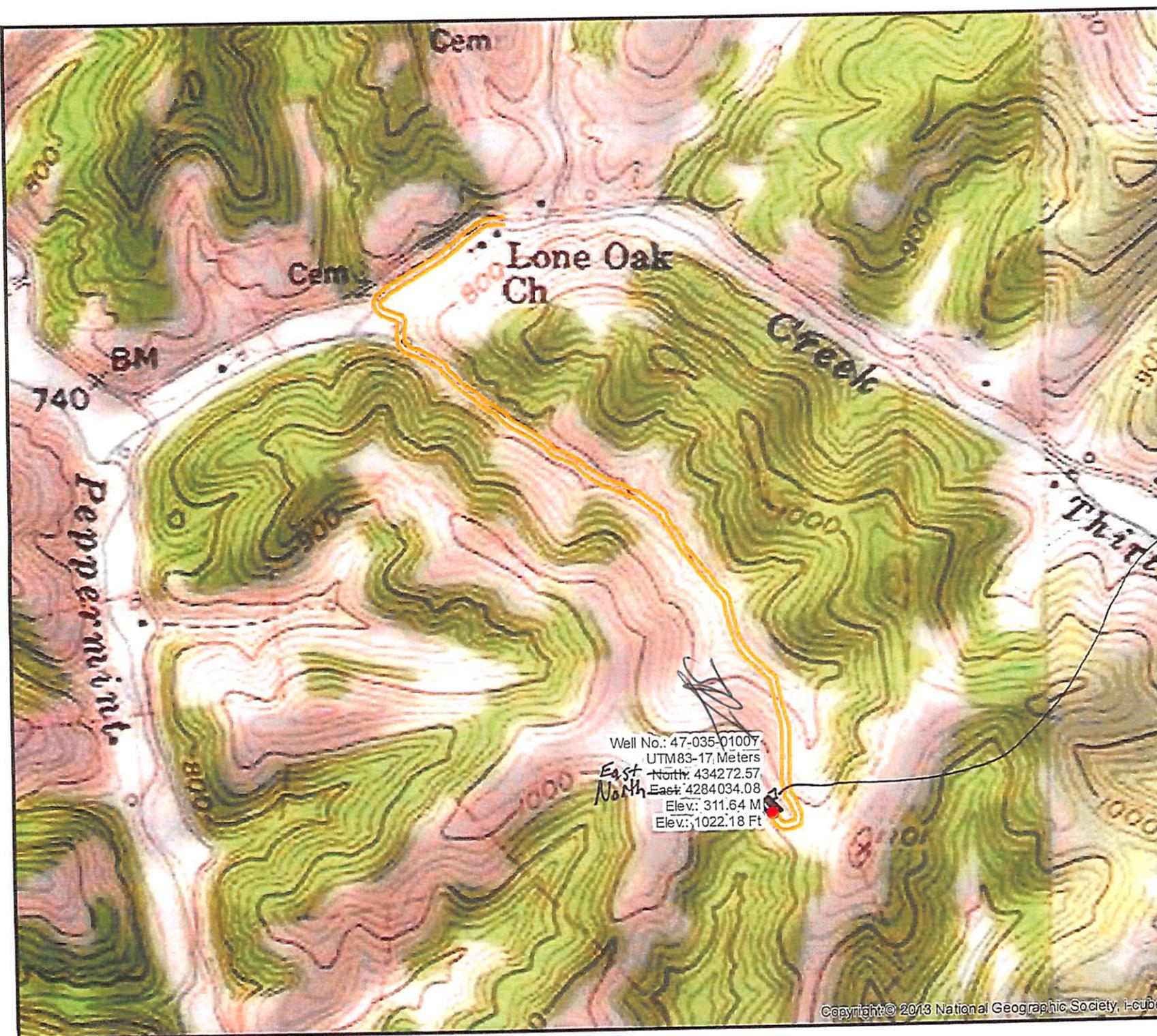
Plan Approved by: [Signature]

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

Title: 006 Inpadr

Date: 3-10-22

Field Reviewed?  Yes  No



**DIVERSIFIED**  
energy

100 Diversified Way  
Pikeville KY, 41051

47-035-01007

Plugging Map

**Legend**

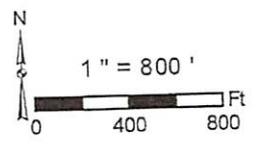
- Well
- Access Road
- Pits
- Pad
- Public Roads

1 Pit  
10' W  
20' L  
8' D  

---

285 bbl

Well No.: 47-035-01007  
UTM83-17, Meters  
North: 434272.57  
East: 4284034.08  
Elev.: 311.64 M  
Elev.: 1022.18 Ft



4703501007P

4703501007P

WW-7  
8-30-06



West Virginia Department of Environmental Protection  
Office of Oil and Gas

**WELL LOCATION FORM: GPS**

API: 47-035-01007 WELL NO.: 1

FARM NAME: John T Moore Etal

RESPONSIBLE PARTY NAME: Diversified Production LLC

COUNTY: Jackson DISTRICT: Ripley

QUADRANGLE: Winfield

SURFACE OWNER: Daron W. Tanner

ROYALTY OWNER: DP Bluegrass LLC

UTM GPS NORTHING: 4284034.08

UTM GPS EASTING: 434272.57 GPS ELEVATION: 1022.18

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]  
Signature

Director Technical Services  
Title

3/7/2022  
Date

RECEIVED  
Office of Oil and Gas

MAR 10 2022

WV Department of  
Environmental Protection

03/25/2022



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

---

## Plugging Vertical Well Work Permit API: 47-035-00421 & 47-035-01007)

1 message

---

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

Tue, Mar 22, 2022 at 1:43 PM

To: "Mast, Jeff" <jmast@dgo.com>, Brian Thomas <bkthomas@jacksoncountywv.com>, beth.roberts@jacksoncountywv.com, "Taylor, Joseph D" <joseph.d.taylor@wv.gov>

I have attached a copy of the newly issued well [permit](#) number. This will serve as your copy.

**47-035-00421 - 2**  
**47-035-01007 - 1-S-1508**

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

Thank you,

**Wade A. Stansberry**  
**Environmental Resource Specialist 3**  
**West Virginia Department of Environmental Protection**  
**Office of Oil & Gas**  
601 57th St. SE  
Charleston, WV 25304  
(304) 926-0499 ext. 41115  
(304) 926-0452 fax  
[Wade.A.Stansberry@wv.gov](mailto:Wade.A.Stansberry@wv.gov)

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### 3 attachments

 **47-035-00421 - Copy.pdf**  
2138K

 **47-035-01007 - Copy.pdf**  
3117K

 **IR-8 Blank.pdf**  
228K

03/25/2022