



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 30, 2024

WELL WORK PLUGGING PERMIT
Vertical Plugging

PERKINS OIL AND GAS, INC.
P. O. BOX 547

PENNSBORO, WV 264150547

Re: Permit approval for 1
47-107-00493-00-00

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

A handwritten signature in blue ink, appearing to read "James A. Martin", is written over a white background.

Operator's Well Number: 1
Farm Name: ROBBINS, SHOWDEN F.
U.S. WELL NUMBER: 47-107-00493-00-00
Vertical Plugging
Date Issued: 7/30/2024

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.

4710700493P Date July 15, 2024
2) Operator's Well No. S.F. Robbins #1
3) API Well No. 47- - 00493

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 X / Gas / Liquid injection / Waste disposal /
(If "Gas, Production or Underground storage) Deep / Shallow

5) Location: Elevation 726' Watershed
District Lubeck County Wood Quadrangle

6) Well Operator Perkins Oil and Gas 7) Designated Agent
Address P.O. Box 547 Address
Pennsboro, WV 26415

8) Oil and Gas Inspector to be notified Name Joe Taylor
Address
9) Plugging Contractor Name Perkins
Address

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

See WW-4B Attachment

- SPOT GEL
- SET BOTTOM HOLE PLUG FROM \approx 4380' TO 4230'
- FREE POINT \pm CUT 4 1/2" \approx 3900' SET 100' CLASS A PLUG ACROSS CUT.
- WOC 4 HRS, ADD CEMENT IF NEEDED.
- ADD GEL IF NEEDED, SET 100' CLASS A PLUG FROM 3500 TO 3400'
- WOC 4 HRS, ADD CEMENT IF NEEDED.
- SET 100' CLASS A CEMENT PLUG FROM 2000' TO 1900'
- SET 100' CLASS A CEMENT PLUG 1550' TO 1450'
- SET 100' CLASS A CEMENT PLUG FROM 1050' TO 950'
- SET 100' CLASS A CEMENT PLUG FROM 450' TO 350'
- SET 100' CLASS A CEMENT PLUG FROM 100' TO SURFACE,

CLASS A
CEMENT
COVERAGE.

JWM

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

Work order approved by inspector 

Date 7-15-24

08/02/2024

4710700493P

S.F. Robbins

4 1/2" IN 6 1/4 HOLE

CEMENT 529 FT FROM TD

OF 4462, TOC => 4462' - 529'
= 3933'

Plug Work

16" csg 18' ELEVATION 726'

13 3/8" csg 83' TO 4462'

4 1/2" csg 4420' 46 SKS cement 12/1/60

Perfs 4333' - 4382'

Salt Water 400', 1035', 1510'

Berea Sand 1970'

Brown Shale 3472'

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ww4B Attachment

4710700493 P

7/15/24

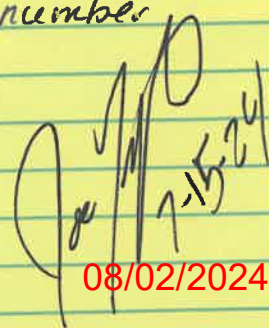
S.F. Robbins #1

- 1.) Kill Well - Pump truck on csg, pump water to overcome pressure (70) BBL
- * 2.) Pull rods and tubing. Expect wet and oil
- 3.) Cement over Oriskany
Options - A - IF formation take fluid easily and doesn't go on vacuum, pump 150' Class A cmt plug over perf and leave top 100' above top perf @ 4230'
* B - Run tubing in hole to top perf @ 4333' and pump 150' Class A cmt plug leaving top @ 4200'. Pull tbq
- 4.) Cut 4 1/2" csg @ free point, spot 100' class A plug @ cut
- * 5.) Cement over Brown Shale show @ 3470' 100' Class A cmt plug. IF csg won't come free at this point shoot holes in 4 1/2" csg @ 3500'-3470' and place plug over perms. to 3370'
- 6.) Cement over Berea Sand @ 1970' 100' Class A cmt plug. IF csg still won't pull, shoot holes @ 1970' and place 100' class A cmt plug 1970-1870'
- 7.) Pull 13 3/8 csg (83') if it will come. Cement top hole to surface (0-100') with Class A cmt.
- 8.) Set appropriate monument w/API number.

* Gel water between cement plugs

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7/15/24

08/02/2024

4710700493

Casing, Hole and Cement Calc.

$$4\frac{1}{2}'' \text{ 11.60}^{\#}/\text{ft} \text{ csg capacity} = 64.34 \text{ ft/bbl}$$

$$0.0872 \text{ cuft}/\text{ft}$$

$$4382' \text{ 4}\frac{1}{2}'' \text{ csg to btmperf} = 68 \text{ BBL}$$

$$0.0155 \text{ bbl}/\text{cuft}$$

$$\text{Volume between 4}\frac{1}{2}'' \text{ csg \& 6}\frac{1}{4}'' \text{ hole} =$$

$$54.72 \text{ ft/bbl}$$

$$9.746 \text{ ft/cuft}$$

Original Cement 46 sks
 Assuming Class A cmt @ 15.6 ppg yield 1.18 cuft/sk

$$46 \text{ sks} = 529' \text{ fillup}$$

$$\text{Top cement approx } 3850'$$

100' Class A Cmt plug in 4 1/2" csg

$$0.0872 \frac{\text{cuft}}{\text{ft}} \times 100' = 8.72 \text{ cuft} \times 1.18 \frac{\text{cuft}}{\text{sk}}$$

$$= 7.4 \text{ sks cement}$$

100' Class A Cmt plug in 6 1/4" hole

$$\text{Capacity 6}\frac{1}{4}'' \text{ hole} = 0.2131 \text{ cuft}/\text{ft}$$

$$= 4.6937 \text{ ft}/\text{cuft}$$

$$0.2131 \frac{\text{cuft}}{\text{ft}} \times 100' = 21.31 \text{ cuft} = 26.353 \text{ ft}/\text{bbl}$$

$$= 18 \text{ sks} = 0.379 \text{ bbl}/\text{ft}$$

$$100' \text{ Class A Cmt Plug } 13\frac{3}{8}'' \text{ csg \& hole} = 0.9757 \text{ cuft}/\text{ft}$$

$$= 1.0249 \text{ ft}/\text{cuft}$$

$$0.9757 \frac{\text{cuft}}{\text{ft}} \times 100' = 97.5 \text{ cuft} = 5.7544 \text{ ft}/\text{bbl}$$

$$= 82.6 \text{ sks} = 0.1738 \text{ bbl}/\text{ft}$$

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47107004939

Form OG-10



STATE OF WEST VIRGINIA
DEPARTMENT OF MINES
OIL AND GAS DIVISION/9

Quadrangle Belleville

Permit No. W00 -493

WELL RECORD

Oil or Gas Well Dry
(KIND)

Company Union Carbide Olefins Company
Address P. O. Box 8004, So. Chas., W. Va.
Farm S. F. Robbins, et al Acres 125
Location (waters) _____
Well No. 1, Serial No. 18-2 Elev. 726'
District Lubeck County Wood
The surface of tract is owned in fee by S. F. Robbins,
Lake Washington Road Address Parkersburg, W. Va.
Mineral rights are owned by Same

Address _____
Drilling commenced September 20, 1960
Drilling completed February 8, 1961
Date Shot _____ From _____ To _____
With _____

Open Flow /10ths Water in _____ Inch
/10ths Merc. in _____ Inch
Volume Show _____ Cu. Ft.
Rock Pressure _____ lbs. _____ hrs.
Oil Show _____ bbis. 1st 24 hrs.
WELL ACIDIZED _____

Casing and Tubing	Used in Drilling	Left in Well	Packers
Size			
18	18'	18'	Kind of Packer _____
18 3/8	83'	83'	
10 3/4	675'		Size of _____
8 1/2	1682'		
6 1/2			Depth set _____
5 3/16			
3 4-1/2"	4420'	4420'	Perf. top _____
2			Perf. bottom _____
Liners Used			Perf. top _____
			Perf. bottom _____

CASING CEMENTED 4-1/2 SIZE 220 No. Ft. 12/1/60 Date 704462
46 sacks

COAL WAS ENCOUNTERED AT none FEET _____ INCHES
_____ FEET _____ INCHES FEET _____ INCHES
_____ FEET _____ INCHES FEET _____ INCHES

WELL FRACTURED December 2, 1960, 28000 # Sand, thru perforations 4366-4382; Dec 27, 1960
2000 # Sand 4333-4334; Jan 7, 1961 4365-4367 2000# sand, Feb 3 1961 4365-4367- 3300# sand.

RESULT AFTER TREATMENT 15 MCF, 1 Bbl Oil

ROCK PRESSURE AFTER TREATMENT
Fresh Water 10' Feet _____ Salt Water 400', 1035' Feet 1510'

Formation	Color	Hard or Soft	Top	Bottom	Oil, Gas or Water	Depth	Remarks
Surface			0	10'			
Slate			10	24			
Red Rock			24	42			
Slate			42	60			
Red Rock			60	108			
Slate			108	170			
Red Rock			170	188			
Slate			188	252			
Red Rock			252	275			
Slate			275	294			
Red Rock			294	338			
Slate			338	382			
Sand			382	445	Water	400'	1 Bailer/Hr
Slate			459	530			
Red Rock			530	549			
Slate			549	614			
Red Rock			614	672			
Lime			672	695			
Red Rock			695	752			
Slate			752	771			
Red Rock			771	777			
Slate	Grey		777	997			
Sand			997	1045	Water	1035-1045	1/2 BPH
Slate & Shells			1045	1133			
Sand			1133	1178			
Slate			1178	1400			
Sand			1400	1456			
Slate			1456	1485			



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Formation	Color	Hard or Soft	Top 19	Bottom	Oil, Gas or Water	Depth Found	Remarks
Sand			1485	1631	Water	1510	Hole Full
Slate&Shells			1631	1947			
Shale	Black		1947	1970			
Berea Sand			1970	1972	Oil	1970	Show
Slate&Shells			1972	3144			
Brown Shale			3144	3270			
Slate			3270	3448			
Brown Shale			3448	3682	Gas	3472	Puff
Slate	White		3682	3803			
Brown Shale			3803	3817			
Slate	White		3817	3997			
Brown Shale			3997	4249			
✓ Lime			4249	4347			
✓ Oriskany Sand			4347	4403	Oil	4350	Show
✓ Lime			4403	4452			
			SLM	4462			
				485			
				Perforated	4366-4370.5	12-3-5/8"	frac charges
					4374-4376	4"	"
					4379-4382	4"	"
				Perforated	4333-4334	6-3-5/8"	frac charges
				Additional tests will be made before well is abandoned			
			4249	4347	4403		
			726	726	726		
			3523	3621	3677		



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Date February 8, 19 61

APPROVED Union Carbide Olefins Co. Owner

By Kenneth R. Gosnell
Kenneth R. Gosnell (title)
District Production Engineer
Natural Resources - Ohio-W.Va.

08/02/2024



Select County: (107) Wood (Check All)

Enter Permit #: 00493

Get Data Reset

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

4710700493P

Well: County = 107 Permit = 00493 [Link to all digital records for well](#)

Report Time: Thursday, July 25, 2024 10:23:11 AM

WV Geological & Economic Survey:

Location Information: [View Map](#)

API	COUNTY	PERMIT	TAX_DISTRICT	QUAD_75	QUAD_15	LAT_DD	LON_DD	UTME	UTMN
4710700493	Wood	493	Lubeck	Lubeck	Belleville	39.247448	-81.630978	445553.1	4344426.5

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	TFM_EST_PR
4710700493	2/8/1961		Original Loc	Completed	S F Robbins 1					Union Carbide, Olefins Div.			

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_AFT
4710700493	2/8/1961	9/20/1960	726	Ground Level	Unnamed	Helderberg		New-field Wildcat	Unsuccessful	Dry w/ O&G Show	unknown	Fractured	4462		4462		0	0

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
4710700493	2/8/1961	Water	Fresh Water	Vertical			10						0
4710700493	2/8/1961	Water	Salt Water	Vertical			400						1
4710700493	2/8/1961	Water	Salt Water	Vertical			1035						1
4710700493	2/8/1961	Water	Salt Water	Vertical			1510						0
4710700493	2/8/1961	Show	Oil	Vertical			1970	Berea Ss	0	0			
4710700493	2/8/1961	Show	Gas	Vertical			3472	Lower Huron	0	0			
4710700493	2/8/1961	Show	Oil	Vertical			4350	Oriskany	0	0			

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
4710700493	Halwell Co., Inc.	1991	5	0	0	4	0	1	0	0	0	0	0	0	0
4710700493	Halwell Co., Inc.	1992	0	0	0	0	0	0	0	0	0	0	0	0	0
4710700493	Halwell Co., Inc.	1993	0	0	0	0	0	0	0	0	0	0	0	0	0
4710700493	Halwell Co., Inc.	1994	0	0	0	0	0	0	0	0	0	0	0	0	0
4710700493	Halwell Co., Inc.	1995	0	0	0	0	0	0	0	0	0	0	0	0	0
4710700493	Halwell Co., Inc.	1996	0	0	0	0	0	0	0	0	0	0	0	0	0
4710700493	Halwell Co., Inc.	1998	7	0	0	0	0	0	0	7	0	0	0	0	0
4710700493	Gedco Oil & Gas Joint Venture	1999	0	0	0	0	0	0	0	0	0	0	0	0	0
4710700493	Gedco Oil & Gas Joint Venture	1999	7	0	0	0	7	0	0	0	0	0	0	0	0
4710700493	Triad Resources, Inc.	2000	0	0	0	0	0	0	0	0	0	0	0	0	0
4710700493	Triad Resources, Inc.	2001	0	0	0	0	0	0	0	0	0	0	0	0	0
4710700493	Triad Resources, Inc.	2002	0	0	0	0	0	0	0	0	0	0	0	0	0
4710700493	Triad Resources, Inc.	2003	0	0	0	0	0	0	0	0	0	0	0	0	0
4710700493	Triad Resources, Inc.	2004	10	10	0	0	0	0	0	0	0	0	0	0	0
4710700493	Mountaineer Petroleum, LLC	2005	0	0	0	0	0	0	0	0	0	0	0	0	0
4710700493	Mountaineer Petroleum, LLC	2006	0	0	0	0	0	0	0	0	0	0	0	0	0
4710700493	Perkins Oil and Gas, Inc.	2012	0	0	0	0	0	0	0	0	0	0	0	0	0
4710700493	Perkins Oil and Gas, Inc.	2013	0	0	0	0	0	0	0	0	0	0	0	0	0
4710700493	Perkins Oil and Gas, Inc.	2014	0	0	0	0	0	0	0	0	0	0	0	0	0
4710700493	Perkins Oil and Gas, Inc.	2015	0	0	0	0	0	0	0	0	0	0	0	0	0
4710700493	Perkins Oil and Gas, Inc.	2016	0	0	0	0	0	0	0	0	0	0	0	0	0
4710700493	Perkins Oil and Gas, Inc.	2017	0	0	0	0	0	0	0	0	0	0	0	0	0
4710700493	Perkins Oil and Gas, Inc.	2018	0	0	0	0	0	0	0	0	0	0	0	0	0
4710700493	Perkins Oil and Gas, Inc.	2019	0	0	0	0	0	0	0	0	0	0	0	0	0
4710700493	Perkins Oil and Gas, Inc.	2020	0	0	0	0	0	0	0	0	0	0	0	0	0
4710700493	Perkins Oil and Gas, Inc.	2021	0	0	0	0	0	0	0	0	0	0	0	0	0
4710700493	Perkins Oil and Gas, Inc.	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
4710700493	Halwell Co., Inc.	1991	312	27	14	40	34	35	39	33	33	37	20	0	0
4710700493	Halwell Co., Inc.	1992	285	148	0	66	0	0	0	34	0	37	0	0	0
4710700493	Halwell Co., Inc.	1993	119	0	0	0	0	48	0	0	0	0	0	0	71
4710700493	Halwell Co., Inc.	1994	312	0	0	77	0	79	0	0	78	0	78	0	0
4710700493	Halwell Co., Inc.	1995	238	0	0	80	0	0	78	0	0	80	0	0	0
4710700493	Halwell Co., Inc.	1996	217	0	0	0	2	0	0	76	0	72	0	0	67
4710700493	Gedco Oil & Gas Joint Venture	1998	190	0	0	0	37	0	0	78	0	75	0	0	0
4710700493	Gedco Oil & Gas Joint Venture	1999	287	71	0	0	68	0	65	0	0	0	83	0	0
4710700493	Triad Resources, Inc.	2000	215	0	0	0	75	70	70	0	0	0	0	0	0
4710700493	Triad Resources, Inc.	2001	202	0	0	66	0	0	0	69	0	0	0	87	0
4710700493	Triad Resources, Inc.	2002	66	0	0	0	0	0	66	0	0	0	0	0	0
4710700493	Triad Resources, Inc.	2003	0	0	0	0	0	0	0	0	0	0	0	0	0
4710700493	Triad Resources, Inc.	2004	0	0	0	0	0	0	0	0	0	0	0	0	0
4710700493	Mountaineer Petroleum, LLC	2005	200	20	20	30	30	20	20	30	10	5	5	5	5
4710700493	Mountaineer Petroleum, LLC	2006	144	0	0	0	0	41	0	0	39	0	0	64	0
4710700493	Perkins Oil and Gas, Inc.	2012	45	0	0	0	0	0	0	0	0	0	45	0	0
4710700493	Perkins Oil and Gas, Inc.	2013	45	0	0	0	0	0	0	0	0	0	45	0	0
4710700493	Perkins Oil and Gas, Inc.	2014	0	0	0	0	0	0	0	0	0	0	0	0	0
4710700493	Perkins Oil and Gas, Inc.	2015	60	5	5	5	5	5	5	5	5	5	5	5	5
4710700493	Perkins Oil and Gas, Inc.	2016	0	0	0	0	0	0	0	0	0	0	0	0	0
4710700493	Perkins Oil and Gas, Inc.	2017	0	0	0	0	0	0	0	0	0	0	0	0	0
4710700493	Perkins Oil and Gas, Inc.	2018	0	0	0	0	0	0	0	0	0	0	0	0	0
4710700493	Perkins Oil and Gas, Inc.	2019	0	0	0	0	0	0	0	0	0	0	0	0	0
4710700493	Perkins Oil and Gas, Inc.	2020	0	0	0	0	0	0	0	0	0	0	0	0	0
4710700493	Perkins Oil and Gas, Inc.	2021	0	0	0	0	0	0	0	0	0	0	0	0	0
4710700493	Perkins Oil and Gas, Inc.	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
4710700493	Perkins Oil and Gas, Inc.	2013	0	0	0	0	0	0	0	0	0	0	0	0	0
4710700493	Perkins Oil and Gas, Inc.	2014	0	0	0	0	0	0	0	0	0	0	0	0	0
4710700493	Perkins Oil and Gas, Inc.	2015	0	0	0	0	0	0	0	0	0	0	0	0	0
4710700493	Perkins Oil and Gas, Inc.	2016	0	0	0	0	0	0	0	0	0	0	0	0	0
4710700493	Perkins Oil and Gas, Inc.	2018	0	0	0	0	0	0	0	0	0	0	0	0	0
4710700493	Perkins Oil and Gas, Inc.	2019	0	0	0	0	0	0	0	0	0	0	0	0	0
4710700493	Perkins Oil and Gas, Inc.	2020	0	0	0	0	0	0	0	0	0	0	0	0	0
4710700493	Perkins Oil and Gas, Inc.	2021	0	0	0	0	0	0	0	0	0	0	0	0	0
4710700493	Perkins Oil and Gas, Inc.	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
4710700493	Perkins Oil and Gas, Inc.	2016	0	0	0	0	0	0	0	0	0	0	0	0	0
4710700493	Perkins Oil and Gas, Inc.	2018	0	0	0	0	0	0	0	0	0	0	0	0	0
4710700493	Perkins Oil and Gas, Inc.	2019	0	0	0	0	0	0	0	0	0	0	0	0	0
4710700493	Perkins Oil and Gas, Inc.	2020	0	0	0	0	0	0	0	0	0	0	0	0	0
4710700493	Perkins Oil and Gas, Inc.	2021	0	0	0	0	0	0	0	0	0	0	0	0	0
4710700493	Perkins Oil and Gas, Inc.	2022	0	0	0	0	0	0	0	0	0	0	0	0	0

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4710700493P

Stratigraphy Information:

API	SUFFIX	FM	FM_QUALITY	DEPTH_TOP	DEPTH_QUALITY	THICKNESS	THICKNESS_QUALITY	ELEV	DATUM
4710700493	Original Loc	Sunbury Sh	Past WVGES Staff Geologist	1947	Reasonable	23	Reasonable	726	Ground Level
4710700493	Original Loc	Berea Ss	Well Record	1970	Reasonable	2	Reasonable	726	Ground Level
4710700493	Original Loc	UDev undf:Ber/LoHURN	Well Record	1972	Reasonable	1138	Reasonable	726	Ground Level
4710700493	Original Loc	Lower Huron	GRI-Inferred (est Prgrm)	3110	Reasonable	520	Reasonable	726	Ground Level
4710700493	Original Loc	Java Fm	GRI-Inferred (est Prgrm)	3630	Reasonable	40	Reasonable	726	Ground Level
4710700493	Original Loc	Angola Sh Mbr	GRI-Inferred (est Prgrm)	3764	Reasonable	134	Reasonable	726	Ground Level
4710700493	Original Loc	Rhinestreet Sh	GRI-Inferred (est Prgrm)	3972	Reasonable	210	Reasonable	726	Ground Level
4710700493	Original Loc	Cashaqua Sh Mbr	GRI-Inferred (est Prgrm)	4182	Reasonable	40	Reasonable	726	Ground Level
4710700493	Original Loc	Onondaga Ls	Well Record	4249	Reasonable	98	Reasonable	726	Ground Level
4710700493	Original Loc	Oriskany	Well Record	4347	Reasonable	56	Reasonable	726	Ground Level
4710700493	Original Loc	Helderberg	Well Record	4403	Reasonable	0	Reasonable	726	Ground Level

Wireline (E-Log) Information:

* Scanned/Raster Log Information:

API	STATUS	LOG_TOP	LOG_BOT	DEEPEST_FML	LOGS_AVAIL	SCAN	GR_TOP	GR_BOT	D_TOP	D_BOT	N_TOP	N_BOT	I_TOP	I_BOT	T_TOP	T_BOT	S_TOP	S_BOT	O_TOP	O_BOT	INCH2	IN1
4710700493	Regular Entry	0	4456	G.N.*	Y		0	4454			0	4452							0	4456	Y	Y

Scanned/Raster Comment: *logs: ccl

* There is no Digitized/LAS Log data for this well

Downloadable Log Images/Data: We advise you to save the scanned log or digitized log file(s) to your PC for viewing. To do so, right-click the file of interest and select the save option. Then you can direct the file to a location of your choice. Please note the scanned log images vary in size and some may take several minutes to download.

Quick Reference Guide for Log File Names For more info about WVGES scanned logs click [here](#)

geologic log types:

- d density (includes bulk density, compensated density, density, density porosity, grain density, matrix density, etc.)
 - e photoelectric adsorption (PE or Pe, etc.)
 - g gamma ray
 - i induction (includes dual induction, medium induction, deep induction, etc.)
 - l laterolog
 - m dipmeter
 - n neutron (includes neutron porosity, sidewall neutron-SWN, etc.)
 - o other¹
 - s sonic or velocity
 - t temperature (includes borehole temperature, BHT, differential temperature, etc.)
 - z spontaneous potential or potential
- mechanical log types:**
- b cement bond
 - c calliper
 - o other¹
 - p perforation depth control or perforate

¹other logs may include, but are not limited to, such curves as audio, bit size, CCL--casing collar locator, continuous meter, directional survey, gas detector, guard, NCTL--Nuclear Cement Top Locator, radioactive tracer, tension

Scanned/Raster

Logs

FILENAME

4710700493ano_h.tif

There is no Plugging data for this well

Sample Information:

API	CUT1_TOP	CUT1_BOT	CUT2_TOP	CUT2_BOT	CORE1_TOP	CORE1_BOT	FM1_TOP	FM1_BOT	CORE2_TOP	CORE2_BOT	FM2_TOP	FM2_BOT	SMPL	THN_SEC1	SCAN1	SLAB1	PERM1	THN_SEC
4710700493	1000	4452																

1) Date: July 15, 2024
2) Operator's Well Number S.F. Robbins #1
3) API Well No.: 47 - 107 - 00493

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>Kim Matheny</u>	Name _____
Address <u>93 Hardy Heights</u>	Address _____
<u>Washington, WV 26181</u>	
(b) Name <u>and/or Brenda Matheny</u>	(b) Coal Owner(s) with Declaration
Address <u>590 Johnson Rd</u>	Name _____
<u>Marietta, OH 45750</u>	Address _____
(c) Name _____	Name _____
Address _____	Address _____
6) Inspector <u>Joe Taylor</u>	(c) Coal Lessee with Declaration
Address <u>1478 Claylick Rd,</u>	Name _____
<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.

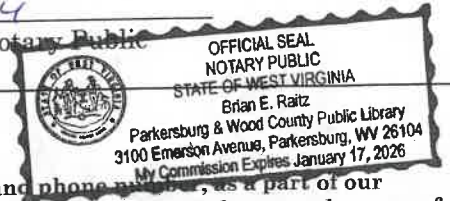
RECEIVED Office of Oil and Gas	Well Operator <u>Perkins Oil and Gas, Inc</u>
'JUL 24 2024	By: <u>[Signature]</u>
WV Department of Environmental Protection	Its: <u>Vice President</u> <u>Clay Perkins</u>
	Address <u>P.O. Box 547</u>
	<u>Pennsboro, WV 26415</u>
	Telephone _____

Subscribed and sworn before me this 22 day of July 2024

My Commission Expires Jan 17, 2026

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.



08/02/2024

SURFACE OWNER WAIVER

4710700493P

Operator's Well
Number

S.F. Robbins #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

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WV Department of
Environmental Protection

Time Limits and methods for filing comments. The law requires these materials to be received 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,

Kimberly Maloney
Signature

Date 7/22/24 Name _____
By _____
Its _____ Date _____

Signature

08/02/2024

WW-4B

4710700493P

API No. 47-107-00493P

Farm Name S.F. Robbins

Well No. S.F. Robbins #1

N/A

**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 _____

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Environmental Protection

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

Operator Name Perkins Oil and Gas, Inc OP Code _____

Watershed (HUC 10) _____ Quadrangle _____

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-GPP)
- Underground Injection (UIC Permit Number UIC 2D08510142)
- Reuse (at API Number _____)
- Off Site Disposal (Supply form WW-9 for disposal location)
- Other (Explain _____)

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Will closed loop system be used? If so, describe: _____

Drilling medium anticipated for this well (vertical and horizontal)? Air, freshwater, oil based, etc. Freshwater
WV Department of Environmental Protection

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

Additives to be used in drilling medium? gel

Drill cuttings disposal method? Leave in pit, landfill, removed offsite, etc. No Drilling

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

-Landfill or offsite name/permit number? Mud Masters 160 Industrial Park Rd
Friendly, WV 26146

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 Clay Perkins

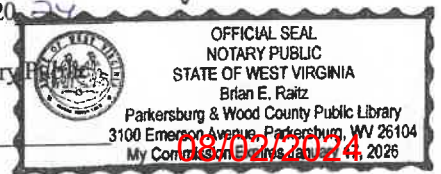
Company Official (Typed Name) Clay Perkins

Company Official Title Vice President

Subscribed and sworn before me this 22 day of July, 2024

Brian E. Raiz by Clay Perkins Notary Public

My commission expires Jan 17, 2026



Proposed Revegetation Treatment: Acres Disturbed 2 Prevegetation pH _____

Lime 2 Tons/acre or to correct to pH 6.5

Fertilizer type 12-12-12

Fertilizer amount 500 lbs/acre

Mulch 2 Tons/acre

Seed Mixtures

Temporary		Permanent	
Seed Type	lbs/acre	Seed Type	lbs/acre
		Orchard Grass / Wheat	
		25 #/acre / 40 #/acre	

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 pit and dimensions (L, W), and area in acres, of the land application area. RECEIVED
Office of Oil and Gas

Photocopied section of involved 7.5' topographic sheet.

JUL 24 2024

Plan Approved by: Joe Taylor WV Department of
Environmental Protection

Comments: _____

Title: 006 Inspector

Date: 7-15-24

Field Reviewed? Yes No

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

Operator Name: Perkins Oil and Gas
Watershed (HUC 10): _____ Quad: _____
Farm Name: _____

1. List the procedures used for the treatment and discharge of fluids. Include a list of all operations that could contaminate the groundwater.

All fluids will be caught and retained in steel tanks and removed from location for disposal.

2. Describe procedures and equipment used to protect groundwater quality from the list of potential contaminant sources above.


Same as above

3. List the closest water body, distance to closest water body, and distance from closest Well Head Protection Area to the discharge area.

NA

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JUL 24 2024
WV Department of
Environmental Protection

4. Summarize all activities at your facility that are already regulated for groundwater protection.



5. Discuss any existing groundwater quality data for your facility or an adjacent property.

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6. Provide a statement that no waste material will be used for deicing or fill material on the property.

All waste material will be removed from property and disposed properly at a registered disposal site


7. Describe the groundwater protection instruction and training to be provided to the employees. Job procedures shall provide direction on how to prevent groundwater contamination.

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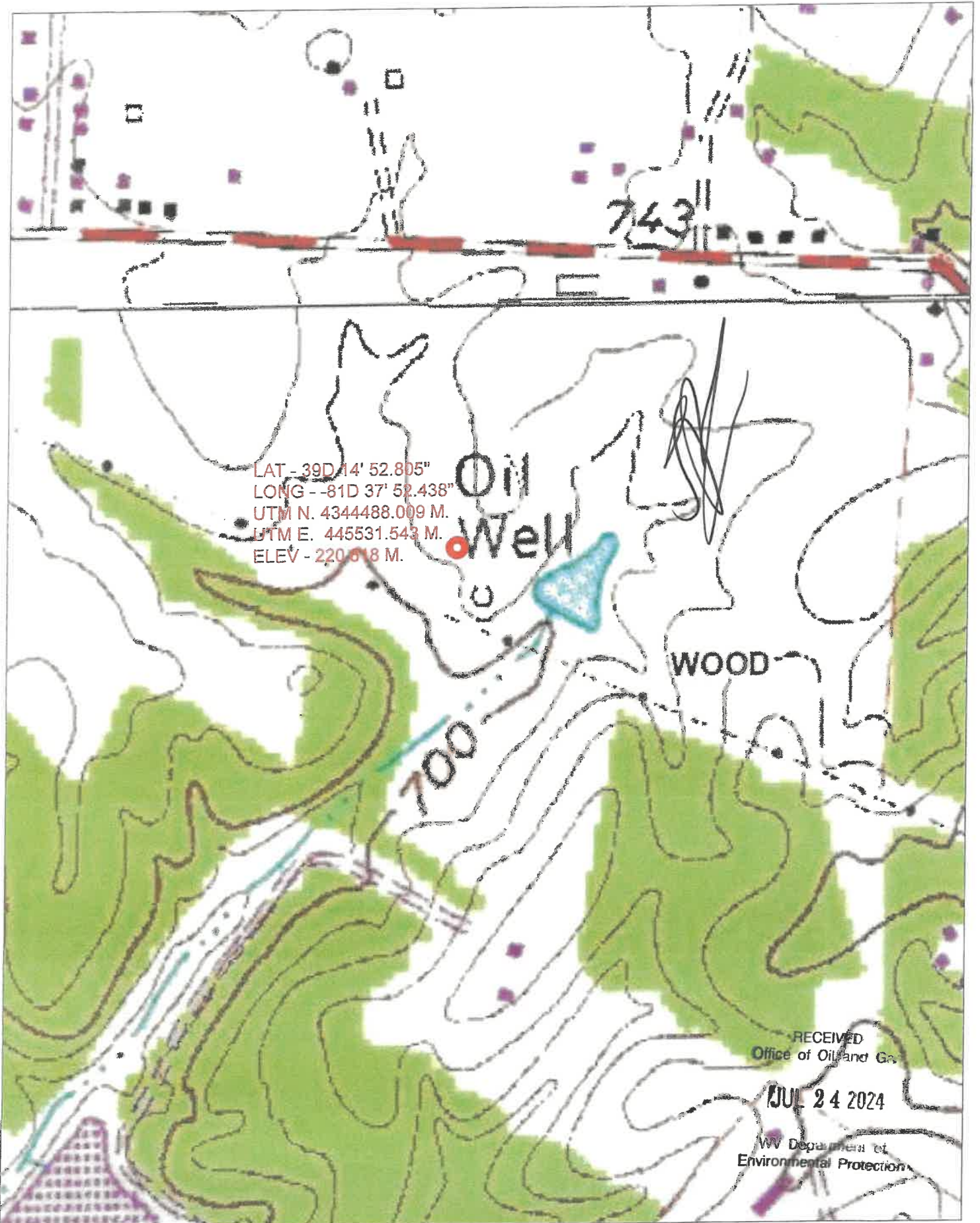
JUL 24 2024

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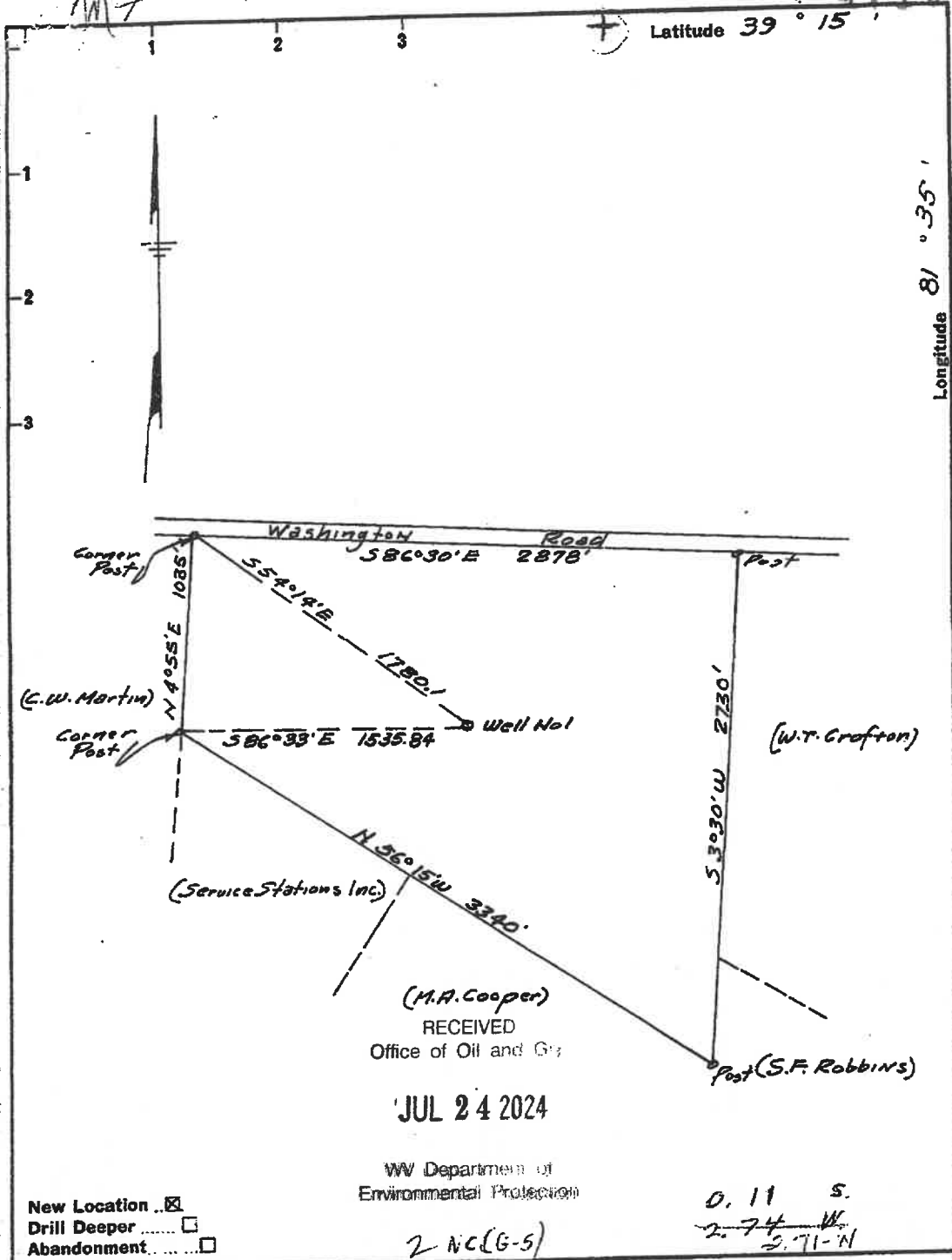
8. Provide provisions and frequency for inspections of all GPP elements and equipment.

Signature: 
Date: 7-22-24


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4710700493P



(M.A. Cooper)
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WV Department of
 Environmental Protection

New Location
 Drill Deeper
 Abandonment

2 NC(G-5)

0.11 S.
 2.74 W.
 2.71-N

Company UNION CARBIDE OLEFINS CO.
90 KENNETH R. GOSNELL BLDG. 82
 Address South Charleston, W.Va. Room 932
 Farm S.F. Robbins
 Tract _____ Acres 125 Lease No. _____
 Well (Farm) No. ONE Serial No. _____
 Elevation (Spirit Level) 726
 Quadrangle Belleville (NC)
 County Wood District Lubeck
 Engineer L.E. Merrill
PARKERSBURG ENGR. CORP.
 Engineer's Registration No. 152
 File No. _____ Drawing No. _____
 Date Sept 9, 1960 Scale 1" = 660'

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

WELL LOCATION MAP
 FILE NO. W00-493

+ Denotes location of well on United States
 Topographic Maps, scale 1 to 62,500, lat-
 itude and longitude lines being represented
 by border lines as shown.

- Denotes one inch spaces on border line
 of original tracing.

45000
 Samples

Deep Well

08/02/2024

