



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

Friday, April 4, 2025
WELL WORK PERMIT
Vertical / Re-Work

BASE PETROLEUM, INC.
100 WILCOX FARM LANE

SOUTH CHARLESTON, WV 253090000

Re: Permit approval for A-1
47-039-00644-00-00

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.

Please be advised that form WR-35, Well Operators Report of Well Work 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: A-1
Farm Name: PARSONS, H. H.
U.S. WELL NUMBER: 47-039-00644-00-00
Vertical Re-Work
Date Issued: 4/4/2025

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. If the operator encounters an unanticipated void, or an anticipated void at an unanticipated depth, the operator shall notify the inspector within 24 hours. Modifications to the casing program may be necessary to comply with W. Va. Code §22-6-20, which requires drilling to a minimum depth of thirty feet below the bottom of the void, and installing a minimum of twenty (20) feet of casing. Under no circumstance should the operator drill more than fifty (50) feet below the bottom of the void or install less than twenty (20) feet of casing below the bottom of the void.
2. Pursuant to 35 CSR 4-19.1.a, at the request of the surface owner all water wells or springs within 1000 feet of the proposed well that are actually utilized for human consumption, domestic animals or other general use shall be sampled and analyzed.
3. Pursuant to 35 CSR 4-19.1.c, if the operator is unable to sample and analyze any water well or spring with one thousand (1,000) feet of the permitted well location, the Office of Oil and Gas requires the operator to sample, at a minimum, one water well or spring located between one thousand (1,000) feet and two thousand (2,000) feet of the permitted well location.
4. All pits must be lined with a minimum of 20 mil thickness synthetic liner.
5. 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.
6. During the surface casing and cementing process, in the event cement does not return to the surface, or any other casing string that is permitted to circulate cement to the surface and does not return to the surface, the oil and gas inspector shall be notified within twenty-four (24) hours.
7. Well work activities shall not constitute a hazard to the safety of persons.
8. Operator shall provide the Office of Oil & Gas notification of the date that drilling commenced, drilling ceased, completion of any other permitted well work and completion of the well. Such notice shall be provided by sending an email to DEPOOGNotify@wv.gov within 30 days of commencement of drilling.



1) API Well No. 47 - 03 4703900644
2) UIC Permit No. 2D039-00644002
3) Operator's Well Name/No. Parsons A-1
4) Date: 3/11/2025

STATE OF WEST VIRGINIA
DEPARTMENT OF ENVIRONMENTAL PROTECTION
OFFICE OF OIL & GAS
UIC WELL WORK PERMIT APPLICATION

ck # 1445
Amount: \$550.00
Date: 3/12/25

5) WELL TYPE: ☐ Class 1 (Hazardous or Non-Hazardous Waste) ☒ Class 2D (Oil/Gas Waste Disposal)
☐ Class 2R (Secondary Recovery) ☐ Class 3 (Solution Mining) ☐ Class 6 (Carbon Sequestration)
☐ Deep ☒ Shallow

6) LOCATION: County Kanawha District: Poca Quadrangle: Romance
Watershed: Leatherwood Creek Surface Elevation: 851'

7) WELL OPERATOR: Base Petroleum, Inc. 8) DESIGNATED AGENT John Wilcox
Address 100 Wilcox Lane, South Charleston, WV 25309 Address Same

9) OIL & GAS INSPECTOR TO BE NOTIFIED 10) DRILLING CONTRACTOR
Name Terry Urban Name R&R Well Service
Address P.O. Box 1207 Address 42 Lynch Ridge Road
Clendenin, WV 25045 Walton, WV 25286

11) PROPOSED WELL WORK: ☐ New Drill ☐ Drill Deeper ☐ Redrill ☐ Stimulate ☐ Convert
☐ Plug off old formation ☐ Perforate new formation

Other physical change in well (specify) Run 1,625' of 4 1/2" Casng and Cement From 1,625' to 1,000'

12) GEOLOGIC TARGET FORMATION Big Lime Depth 1,560' Feet (top) to 1,704' Feet (bottom)

13) Estimated Depth of Completed Well, (or actual depth of existing well): 1,90' 1690' Feet

14) Approximate water strata depths: Fresh 90', 100' Feet Salt 1,123' Feet

15) Is coal being mined in the area? ☐ Yes ☒ No Approximate coal seam depths: _____

16) Approximate void depths (coal, karst, other) NA

17) Virgin reservoir fracture pressure 1,155 psig. Estimated reservoir fracture pressure _____

18) MAXIMUM PROPOSED INJECTION OPERATIONS: Volume per hour _____ bbl. Bottom hole pressure _____

19) DETAILED IDENTIFICATION OF MATERIALS TO BE INJECTED, INCLUDING ADDITIVES:

Brine Water/ Produced fluids from Oil & Gas Wells

20) FILTERS (if applicable) 10 Micron 23) CATHODIC PROTECTION _____

21) DESCRIBE PROPOSED WELL WORK AND FRACTURING METHODS IN DETAIL (attach additional sheets)
Run 4 1/2" Casing w/ a hook wall packer to 1,625' Cement the 4 1/2" casing from 1,625' to 1,000'

Run 2 3/8" tubing w/a hook wall packer to 1,600'

22) CASING AND TUBING PROGRAM

TYPE	PIPE SPECIFICATIONS					FOOTAGE INTERVALS			Packers
	Size	Grade	Weight per ft.	New	Used	Used for Drilling	Left in Well	Cement Fill (Cu.Ft.)	
Conductor									Kinds
Fresh Water									Hook Wall 4 1/2" x 8 5/8"
Coal									Sizes
Intermediate	8 5/8"		25.5			1,584"	1,584"	TOC 956"	Hook Wall 2 3/8" x 4 1/2"
Production	4 1/2"		10.5			1,625"	1,625"	TOC 1,000"	Depth Set
Tubing	2 3/8"		5.5			1,600"	1,600"		1,625', 1,600"
Liners									Perforations
									Top
									Bottom

23) APPLICANTS OPERATING RIGHTS for the proposed activity were acquired from
Kermit Tyree is Mineral Owner Who Is Part Well Owner by deed ☒ lease ☐ other contract ☐ dated 7/1/1998 of
record in the KANAWHA County Clerk's office in Deed Book 2515 Page 0243

24) SIGNATURE: I certify under penalty of law that all the information submitted above is true and correct to the
best of my knowledge. John Wilcox Date: 3/11/2025

04/04/2025

Existing well Schematic
WELL DATA SHEET

4703900644

WELL NAME Parson A #1 GW # 430 DATE
FIELD Cont. - 61.5 CNTY Kanawha ST WV
PERMIT NO. KAN-644 LEASE NO.
COMPL DATE 3/30/97 TD 5092 PBTD 1690 ELEV 851.4
WORKING INTEREST NET INTEREST

FORMATION	TOP	BTM	DATUM	DATE	O.F. MCFD	HRS.
Big Line	1560	1704		/ /		
Big Line	1704	1731		/ /		
Boon	2135	2137		/ /		
Oriskany	5018	5089		/ /		

CASING PROGRAM		GRADE	DEPTH	CEMENT	TOC
SIZE	WGT				
19"	42#		43		
10 3/4"			407	Pulled	
8 3/8	25.55		1584	29555 Aquacomb. 1st Aquagel	956

TUBING		GRADE	DEPTH	RODS	WGT	GRADE	DEPTH
SIZE				SIZE			
2 3/8	9.7"	J-55 Euc	1534				

DOWN HOLE PROD EQUIP Yamaco Hookwall compression pack
at 1534

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MAR 12 2025

WV Department of
Environmental Protection

Top of
Cement 956'

Top
Big Line 1560

open hole

Yamaco
at 1534

8 3/8
1584

PBTD
1690

04/04/2025

COAL WAS ENCOUNTERED AT _____ FEET _____ INCHES _____ FEET _____ INCHES _____ FEET _____ INCHES

bbis., 1st 24 hrs. _____ feet _____ FEET _____ INCHES _____ FEET _____ INCHES

Fresh water 100' - 3-13" Bails per Hr. _____ feet _____ FEET _____ INCHES _____ FEET _____ INCHES

Salt water 1123' 3-10" Bails per Hr. _____ feet _____ FEET _____ INCHES _____ FEET _____ INCHES

4703900644

Formation	Color	Hard or Soft	Top	Bottom	Oil Gas or Water	Depth Found	Remarks
Clay			0	53			
Sand			53	96			
Red Rock			96	155	90	Water	3-13" Bails
Slate			155	175			per Hour
Red Rock			175	190	100	Water	6-13" do.
Blk Lime			190	214			
Red Rock			214	310			
Sand			310	346			
Slate			346	380			
Lime			380	395			
Sand			395	440			
Slate			440	443			
Sand			443	455			
Slate			455	522			
Sand			522	638			
White Slate			638	665			
Blk Slate			665	702			
Sand			702	773			
Brown Shale			773	835			
and			835	855			
Blk Slate			855	1005			
and			1005	1048			
Brown Shale			1048	1086			
Salt Sand			1086	1484	1123	Water	3-10" Bailer
Slate			1484	1488	1117	Oil Show	per Hour
Marion			1488	1558	1166	Gas Show	
lg Lime			1560SLM	1704	1171	Oil Show	
lg Injun			1704	1731	1180	Hole Full Water	
Slate			1731	1734	1585	Gas - Small Amount	
					1653-1655	- Oil Show	

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(Over)

STATE OF WEST VIRGINIA
DEPARTMENT OF MINES
OIL AND GAS DIVISION

4703900644

WELL RECORD

PRELIMINARY

Permit No. Kan-644

Oil or Gas Well DRILLING
(Kind)

Company COLUMBIAN CARBON COMPANY
Address Box 1240, Charleston, W. Va.
Farm H. H. Parsons Acres 57
Location (waters) Br. of Leatherwood Creek
Well No. A-1 (GW-430) Elev. 851.4 DF
District Poca County Kanawha
The surface of tract is owned in fee by H. H. Parsons,
et al Address Elkview, W. Va.
Mineral rights are owned by H. H. Parsons, et al
R. 2 Box 75 Address Elkview, W. Va.
Drilling commenced 7-21-39
Drilling completed DRILLING
Date shot _____ Depth of shot _____
Open Flow _____ /10ths Water in _____ Inch
_____ /10ths Merc. in _____ Inch
Volume _____ Cu. Ft.
Rock Pressure _____ lbs. _____ hrs.
Oil 1117' Show; _____ bbls., 1st 24 hrs.
Fresh water 90' - 3-13" Bailers per Hr. _____ feet
Salt water 1123' 3-10" Bails, per Hr. _____ feet
1180' B.P.

Casing and Tubing	Used in Drilling	Left in Well	Packers
Size			
16			Kind of Packer
14"	43'	43'	
10-3/4"	406'8"	406'8"	Pulled
8-5/8"	1584'3"	1584'3"	
6 5/8			Depth set
5 3/16			
3			Perf. top
2			Perf. bottom
Liners Used			Perf. top
			Perf. bottom

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CASING CEMENTED _____ No. FT. _____ Ds
COAL WAS ENCOUNTERED AT _____ FEET _____ INCH
_____ FEET _____ INCHES _____ FEET _____ INCH
_____ FEET _____ INCHES _____ FEET _____ INCH

Formation	Color	Hard or Soft	Top	Bottom	Oil Gas or Water	Depth Found	Remarks
Clay			0	53			
and			53	96			
red Rock			96	155	90	Water	3-13" Bails
late			155	175			per Hour
red Rock			175	190	100	Water	6-13" do.
lk Lime			190	214			
red Rock			214	310			
and			310	346			
late			346	380			
Lime			380	395			
and			395	440			
late			440	443			
and			443	455			
late			455	522			
and			522	638			
lite Slate			638	665			
lk Slate			665	702			
and			702	773			
rown Shale			773	835			
and			835	855			
lk Slate			855	1005			
and			1005	1048			
rown Shale			1048	1086			
lt Sand			1086	1184	1123	Water	
at			1184	1186	1123	Water	

04/04/2025

3-10" Bails

DEP-006
4/4/25

STATE OF WEST VIRGINIA
DEPARTMENT OF MINES
OIL AND GAS DIVISION

Kenna

OU or Gas Well GAS
(KIND)

Coring and Tubing	Used in Drilling	Left in Well	Packers
Size			
1 in.			Kind of Packer
14- 7/16"	43'	43'	No Packer
10- 3/4"	406' 8"	Pulled	Size of
8 1/4- 5/8"	1584' 3"	1584' 3"	
6- 6/16- 7"	1856' 3"	1856' 3"	Depth set
5 1/16- 3/4"	4934' 7"	4934' 7"	
3			Perf. top
2- 3/8"	5111' 0"	5111' 0"	Perf. bottom
1 1/2- 1 1/2"			Perf. top
2" 8.75"	91' 1"	91' 1"	Perf. bottom

CASING CEMENTED	SIZE	No.	FT.	Date
See Reverse Side				
COAL WAS ENCOUNTERED AT		FEET	INCHES	
FEET	INCHES	FEET	INCHES	
FEET	INCHES	FEET	INCHES	

Formation	Color	Hard or Soft	Top	Bottom	Oil, Gas or Water	Depth Found	Remarks
Clay			0	53			
Sand	White		53	96	Water	90'	3-13" Bailers
Red Rock			96	155			per Hr.
Slate			155	175	Water	100'	6-13" do
Red Rock			175	190			
Black Lime			190	214			
Red Rock			214	310			
Sand			310	346			
Slate			346	380			
Lime			380	395			
Sand			395	440			
Slate			440	443			
Sand			443	455			
Slate			455	522			
Sand			522	638			
White Slate			638	665			
Black Slate			665	702			
Sand			702	773			
Brown Shale			773	835			
Sand			835	835			
Black Slate			835	1005			
Sand			1005	1048			
Brown Shale			1048	1086			
Salt Sand			1086	1484	Oil	1117	Show
Slate			1484	1488	Water	1123	3-10" Bailers Hr
Marion Sand			1488	1560	Gas	1166	Show
Big Lime			1560	1704	Oil	1171	
Big Injun Sand			1704	1731	Water	1180	Hole Full
Slate			1731	1734	Gas	1585	Small Show
Lime Shell			1734	1740	Gas	1637	Show
Slate & Shells			1740	1831	Gas	1653-55	Show
Hard Lime Shells			1831	1843	Oil	1653-55	Show
Slate & Shells			1843	2125			
Brown Shale			2125	2135			
Berea Sand			2135	2137			
Lime			2137	2155			
Slate & Shells			2155	2155			
Brown Shale			2155	3390			
Slate & Shells			3390	3656			
Brown Shale			3656	3714			
Slate & Shells			3714	3798			

100

NOV 1939
WEST VIRGINIA
DEPARTMENT OF MINES

04/04/2025

4703900644

DEP - OOG

4/4/25

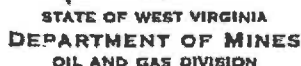
Plug Back Description

On April 27, 1946, the well was plugged back to the Big Lime Horizon, a depth of sixteen hundred and ninety feet. The following procedure was used in plugging, the well back to 1690'.

Fill Solid	(5092'-5018')
Kill Oriskany Gas	
Cement	(5018-4993'-3 sacks)
MCF Plug	(4993'-4990')
5½" casing cemented	(4907'-4467')
Rip above 4467' and pull	
Pull 7" casing set at 1835'	
Fill hole with aquagel (4990'-1750')	- 17 sacks 4%
Bridge Solid - 1750-1700'	run on bridge to make
solid-mix red clay with bridging material.	The
productive intervals in the Big Lime were from 1585-	
1637' and 1553'-1665'. (See enclosed strip log and well	
record)	

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OCT 13 2020
WV Department of
Environmental Protection

04/04/2025



AFFIDAVIT SHOULD BE MADE IN TRIPLICATE. ONE COPY MAILED TO THE DEPARTMENT, ONE COPY TO BE RETAINED BY THE WELL OPERATOR AND THE THIRD COPY (AND EXTRA COPIES IF REQUIRED) SHOULD BE MAILED TO EACH COAL OPERATOR AT THEIR RESPECTIVE ADDRESSES.

STATE INSPECTOR SUPERVISING PLUGGING

STATE OF WEST VIRGINIA.

County of Kazanka

being first duly sworn according to law depose and say that they are experienced in the work of plugging and filling oil and gas wells and were employed by Columbian Carbon Company, well operator, and participated in the work of plugging and filling the above well, that said work was commenced on the 8th day of April, 1946, and that the well was plugged and filled in the following manner:

and that the work of plugging and filling said well was completed on the 22nd day of April 1964.

And further deponents saith not.

Sworn to and subscribed before me this 28 day of May, 1966

My commission expires:

1440-7-1946

Permit No. KAF-611-5

04/04/2025

DEP - 006
4703900644
4/4/25

Formation	Color	Hard or Soft	Top	Bottom	Oil Gas or Water	Depth Found	Remarks
Light Shale			3793	3860			
Brown Shale			3860	3948			
White Shale			3948	3980			
Slate & Shells			3980	4000			
White Shale			4000	4475			
Line			4475	4478			
White Shale			4478	4505			
Dark Shale			4505	4525			
Brown Shale			4525	4772			
Line Shell			4772	4776			
Brown Shale			4776	4795			
Black Shale			4795	4866			
Dark Brown Shale			4866	4897 SLM			
Corniferous Line			4897 SLM	5018* SLM	PAY: 5034-36; 5051-54; 5080-86		
Oriskany			5018* SLM	5067*			
Sandy Line			5067*	5083*			
Oriskany			5083*	5089*			
Line			5089*	5092			
TOTAL DEPTH				5092			

* also per sample analyses

CEMENT RECORD: 8/12/39 - Ran 79 Sacks Alpha Cement mixed with 1 Sack Aquagel. Ran 5 Sacks Aquagel ahead of cement - 4% mixture. Ran plug between Aquagel and cement. 10' spacer. 12' cement left in hole.
Dallas Holley, Cementer - Halliburton Oil Well Cementing Company

5-1/2" 10/2/39 - Ran 25 Sacks Alpha Cement Plug on top of cement - 10' spacer. Casing went back to bottom. 55' hard cement in pipe.
Pat Patterson, Cementer
Halliburton Oil Well Cementing Company

Date November 20 1939

APPROVED COLUMBIAN CARBON COMPANY, Owner

G.W. Van Petten (Type) Sup't.

04/04/2025



"Pipeline"

Select County: (039) Kanawha ☐ (Check All)

Enter Permit #: 00644

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

4703900644

DEP-006

WV Geological & Economic Survey:

Well: County = 39 Permit = 00644 [Link to all digital records for well](#)

Report Time: Friday, April 04, 2025 3:35:21 PM

4/4/25

Location Information: [View Map](#)

API	COUNTY	PERMIT	TAX_DISTRICT	QUAD_75	QUAD_15	LAT_DD	LONG_DD	UTME	UTMN
4703900644	Kanawha	644	Poca	Romance	Kenna	38.535493	-81.534326	453430.6	4265367.1

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
4703900644	10/27/1939	Original Loc	Completed	H H Parsons et al	1	430			H H Parsons et al	Columbian Carbon Co.				
4703900644	4/27/1946	Worked Over	Completed	H H Parsons et al	A-1	GW-430				Columbian Carbon Co.				
4703900644	-/-1971	Worked Over	Completed	H H Parsons	A-1	GW-430				Cities Service Oil & Gas Corp.				
4703900644	-/-	Worked Over	Completed	Facemeyer Lumber	A-1		Parsons			Base Petroleum, Inc.				

Completion Information:

API	CMP_DT	SPUD_DT	ELEV	DATUM	FIELD	DEEPEST_FM	DEEPEST_FTM	INITIAL_CLASS	FINAL_CLASS	TYPE	RIG	CMP_MTHD	TVD	TMD	NEW_FTM	KOD	G_BEI
4703900644	10/27/1939	7/21/1939	851	Derrick Floor	Elk-Pca(Ssrvt)	Helderberg	Oriskany	Development Well	Development Well	Gas w/ Oil Show	unknown	Shot	5092		5092		
4703900644	4/27/1946	-/-	851	Ground Level	Hicumbottom Run	Big Lime				not available	unknown	unknown	1690		0		
4703900644	-/-1971	-/-	851	Ground Level	Hicumbottom Run	Big Lime	Big Lime	Service Well	Unsuccessful	Salt Water Disp	unknown	Acidized	1690		0		
4703900644	-/-	-/-	851	Ground Level	Hicumbottom Run	Big Lime	Big Lime	Service Well	Unsuccessful	Salt Water Disp	unknown	unknown	1690		0		

Comment: 4/27/1946 Unknown what well type was when plugged back to Big Lime. Also unsure if Columbian Carbon Co is correct operator on plug back.

Comment: -/-1971 Farm name may be incorrect. Also, at some point after 1978, well was also used as waterflood for EOR.

Comment: -/- Well is gravity fed

Pay/Show/Water Information:

API	CMP_DT	ACTIVITY	PRODUCT	SECTION	DEPTH_TOP	FM_TOP	DEPTH_BOT	FM_BOT	G_BEI	G_AFT	O_BEI	O_AFT	WATER_QNTY
4703900644	10/27/1939	Water	Fresh Water	Vertical			90						3
4703900644	10/27/1939	Water	Fresh Water	Vertical			100						6
4703900644	10/27/1939	Show	Oil	Vertical			1117	Salt Sands (undiff)	0	0			3
4703900644	10/27/1939	Water	Salt Water	Vertical			1123						
4703900644	10/27/1939	Show	Gas	Vertical			1166	Salt Sands (undiff)	0	0			
4703900644	10/27/1939	Show	Oil	Vertical			1171	Salt Sands (undiff)	0	0			
4703900644	10/27/1939	Water	Salt Water	Vertical			1180						0
4703900644	10/27/1939	Show	Gas	Vertical			1585	Big Lime	0	0			
4703900644	10/27/1939	Show	Gas	Vertical			1637	Big Lime	0	0			
4703900644	10/27/1939	Show	Oil	Vertical		1653 Big Lime	1655	Big Lime	0	0			
4703900644	10/27/1939	Show	Gas	Vertical		1653 Big Lime	1655	Big Lime	0	0			
4703900644	-/-	Horizon	Injection	Vertical		1560	Big Lime	1704	Big Lime				
4703900644	-/-1971	Horizon	Injection	Vertical		1560	Big Lime	1704	Big Lime				
4703900644	10/27/1939	Pay	Gas	Vertical		5034	Oriskany	5036	Oriskany	0	0		
4703900644	10/27/1939	Pay	Gas	Vertical		5051	Oriskany	5054	Oriskany	0	0		
4703900644	10/27/1939	Pay	Gas	Vertical		5080	Oriskany	5086	Oriskany	0	794		

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
4703900644	Cities Service Oil & Gas Corp.	1981	0	0	0	0	0	0	0	0	0	0	0	0	0
4703900644	Cities Service Oil & Gas Corp.	1982	0	0	0	0	0	0	0	0	0	0	0	0	0
4703900644	Cities Service Oil & Gas Corp.	1985													
4703900644	Cities Service Oil & Gas Corp.	1986	0	0	0	0	0	0	0	0	0	0	0	0	0
4703900644	# 174 on DOE '87 Prod Tape	1987	0	0	0	0	0	0	0	0	0	0	0	0	0
4703900644	Base Petroleum, Inc.	1998	68	6	6	6	5	6	4	7	7	7	7	7	7
4703900644	Base Petroleum, Inc.	2000	0	0	0	0	0	0	0	0	0	0	0	0	0
4703900644	Base Petroleum, Inc.	2001	0	0	0	0	0	0	0	0	0	0	0	0	0
4703900644	Base Petroleum, Inc.	2002	0	0	0	0	0	0	0	0	0	0	0	0	0
4703900644	Base Petroleum, Inc.	2003	0	0	0	0	0	0	0	0	0	0	0	0	0
4703900644	Base Petroleum, Inc.	2004	0	0	0	0	0	0	0	0	0	0	0	0	0
4703900644	Base Petroleum, Inc.	2005	0	0	0	0	0	0	0	0	0	0	0	0	0
4703900644	Base Petroleum, Inc.	2013	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
4703900644	Cities Service Oil & Gas Corp.	1981	0	0	0	0	0	0	0	0	0	0	0	0	0
4703900644	Cities Service Oil & Gas Corp.	1982	0	0	0	0	0	0	0	0	0	0	0	0	0
4703900644	Cities Service Oil & Gas Corp.	1985													
4703900644	Cities Service Oil & Gas Corp.	1986	0	0	0	0	0	0	0	0	0	0	0	0	0
4703900644	# 174 on DOE '87 Prod Tape	1987	0	0	0	0	0	0	0	0	0	0	0	0	0
4703900644	Base Petroleum, Inc.	1998	105	12	12	5	9	13	7	7	33	7			
4703900644	Base Petroleum, Inc.	2000	0	0	0	0	0	0	0	0	0	0	0	0	0
4703900644	Base Petroleum, Inc.	2001	0	0	0	0	0	0	0	0	0	0	0	0	0
4703900644	Base Petroleum, Inc.	2002	0	0	0	0	0	0	0	0	0	0	0	0	0
4703900644	Base Petroleum, Inc.	2003	0	0	0	0	0	0	0	0	0	0	0	0	0
4703900644	Base Petroleum, Inc.	2004	0	0	0	0	0	0	0	0	0	0	0	0	0
4703900644	Base Petroleum, Inc.	2005	0	0	0	0	0	0	0	0	0	0	0	0	0
4703900644	Base Petroleum, Inc.	2013	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
4703900644	Base Petroleum, Inc.	2013	0	0	0	0	0	0	0	0	0	0	0	0	0

There is no Production Water data for this well

Stratigraphy Information:

API	SUFFIX	FM	FM_QUALITY	DEPTH_TOP	DEPTH_QUALITY	THICKNESS	THICKNESS_QUALITY	ELEV	DATUM
4703900644	Original Loc	Salt Sands (undiff)	Well Record	1086	Reasonable	398	Reasonable	851	Derrick Floor
4703900644	Original Loc	Maxton	Well Record	1488	Reasonable	72	Reasonable	851	Derrick Floor
4703900644	Original Loc	Big Lime	Well Record	1560	Reasonable	144	Reasonable	851	Derrick Floor
4703900644	Original Loc	Greenbrier Group	Well Record	1560	Reasonable	144	Reasonable	851	Derrick Floor
4703900644	Original Loc	Price Fm & equivs	Well Record	1704	Reasonable	433	Reasonable	851	Derrick Floor
4703900644	Original Loc	Big Injun (Price&eq)	Well Record	1704	Reasonable	27	Reasonable	851	Derrick Floor
4703900644	Original Loc	Sunbury Sh	Well Record	2125	Reasonable	10	Reasonable	851	Derrick Floor
4703900644	Original Loc	Berea Ss	Well Record	2135	Reasonable	2	Reasonable	851	Derrick Floor
4703900644	Original Loc	UDev undf:Ber/LoHURN	Well Record	2137	Reasonable	1218	Reasonable	851	Derrick Floor
4703900644	Original Loc	Lower Huron	Well Record	3355	Reasonable	645	Reasonable	851	Derrick Floor
4703900644	Original Loc	Big White Slate	Well Record	4000	Reasonable	525	Reasonable	851	Derrick Floor
4703900644	Original Loc	Rhinesstreet Sh	Well Record	4525	Reasonable	247	Reasonable	851	Derrick Floor
4703900644	Original Loc	Onondaga Ls	Well Record	4897	Reasonable	121	Reasonable	851	Derrick Floor
4703900644	Original Loc	Oriskany	Well Record	5018	Reasonable	71	Reasonable	851	Derrick Floor
4703900644	Original Loc	Helderberg	Well Record	5089	Reasonable	0	Reasonable	851	Derrick Floor

Wireline (E-Log) Information:

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

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

04/04/2025

* There is no Scanned or Digital Logs available for download

Plugging Information:

API	PLG_DT	DEPTH_PBT
4703900644	4/27/1946	1690

DEF - OOG
4703900644

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_SEC2
4703900644		1558		5092														

4/4/25

WW-2A
(Rev. 6-14)

4703900644
1.) Date: 3/11/2025
2.) Operator's Well Number Parsons A-1
State County Permit
47- 039 - 00644
3.) API Well No.:

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

4) Surface Owner(s) to be served:

(a) Name Kermit Tyree
Address 6662 Aarons Fork Road
Elkview, WV 25071

(b) Name
Address

(c) Name
Address

6) Inspector Terry Urban
Address P.O. Box 1207
Clenndenin, WV 25045

Telephone

5) (a) Coal Operator

Name NA
Address

(b) Coal Owner(s) with Declaration

Name NA
Address

Name
Address

(c) Coal Lessee with Declaration

Name NA
Address

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WV Department of
Environmental Protection

TO THE PERSONS NAMED ABOVE TAKE NOTICE THAT:

Included is the lease or leases or other continuing contract or contracts by which I hold the right to extract oil and gas

OR

Included is the information required by Chapter 22, Article 6, Section 8(d) of the Code of West Virginia (see page 2)

I certify that as required under Chapter 22-6 of the West Virginia Code I have served copies of this notice and application, a location plat, and accompanying documents pages 1 through ___ on the above named parties by:

- ___ Personal Service (Affidavit attached)
___ Certified Mail (Postmarked postal receipt attached)
___ Publication (Notice of Publication attached)

I have read and understand Chapter 22-6 and 35 CSR 4, and I agree to the terms and conditions of any permit issued under this application.

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, 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 and imprisonment.

Well Operator Base Petroleum, Inc.

By: John Wilcox

Its: Owner

Address: 100 Wilcox Lane
South Charleston, WV 25309

Telephone: 304 756-2827

Email: jhnwilcox@aol.com

Subscribed and sworn before me this 11 day of March 2025

Ola E Maddox

My Commission Expires

JUL 18, 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



SURFACE OWNER WAIVER

County Kanawha

Operator
Operator well number

Base Petroleum
Parsons A-1

INSTRUCTIONS TO SURFACE OWNERS NAMED ON PAGE WW2-A

The well operator named on page WW2A is applying for a permit from the State to do oil or gas well work. (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 served on or before the date the operator files his Application. You have **FIFTEEN (15) 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.

List of Water Testing Laboratories. The Office maintains a list of water testing laboratories which you can hire to test your water to establish water quality prior to and after drilling. Contact the Chief to obtain a copy.

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 Well Work Permit on Form WW2-A, and attachments consisting of pages 1 through ____ including a work order on Form WW2-B, a survey plat, WW-9, and a soil and erosion plan, all for proposed well work on my surface land as described therein.

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

FOR EXECUTION BY A CORPORATION, ETC.


Signature

Date 3/11/2025

Company Name
By
Its Date

Kermit Tyree

Print Name

Signature

Date

04/04/2025

WW-2B1
(5-12)

Well No. 4703900644
Parsons A-1

West Virginia Department of Environmental Protection
Office of Oil and Gas

NOTICE TO SURFACE OWNERS

The well operator named below is preparing to file for a permit from the state to drill a new well. Before a well work permit can be filed with the Chief of the Office of Oil and Gas, the well operator is required to have given notice of the right to request water well or spring analytical testing. This notice shall be given to the owners or occupants of land which have a water well or spring being utilized for human consumption, domestic animals, or other general use and which is located within 1000 feet of the proposed well site.

With this form, the operator is giving you notice of your right to request analytical testing. The operator is required to sample and analyze the water wells or springs of all owners or occupants who request it. Therefore, if you wish to have your water well or spring tested, contact the operator named below.

All sampling shall be completed prior to drilling. Within thirty (30) days of the receipt of such sample analyses the operator shall submit the results to the Chief of the Office of Oil and Gas and to the owners or occupants who may have requested them.

Be advised, you have the right to sample and analyze any water supply at your own expense.

Listed below is the laboratory chosen by operator to perform analysis, and contractor chosen to collect sample.

Certified Laboratory Name No Water Wells Within 1,000'
Sampling Contractor _____

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Well Operator Base Petroleum, Inc.
Address 100 Wilcox Farm Lane
South Charleston, WV 25309
Telephone 304 756-2827

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FOR OPERATOR'S USE ONLY: Below, or on an attached page, list those persons which were given this notice. Place an asterisk beside the one(s) that contacted you and requested sampling and analyses. If there were no requests made, indicate by underling which one you have selected to sample and analyze. If there are no water wells or springs within 1000 feet of the proposed site, the Chief may require the operator to test wells up to 2000 feet from the proposed site.

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WW-9
(5/16)

API Number 47-009-00644
Operator's Well No. Parsons A-1

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

Operator Name Base Petroleum, Inc. OP Code 305961

Watershed (HUC 10) Leatherwood Creek Quadrangle Romance

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 _____)
☐ 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. WV Department of Environmental Protection

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

Additives to be used in drilling medium?

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

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

-Landfill or offsite name/permit number?

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 John Wilcox

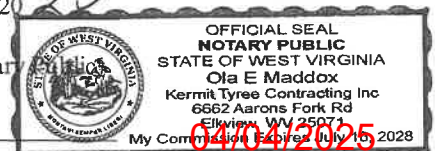
Company Official (Typed Name) John Wilcox

Company Official Title Owner

Subscribed and sworn before me this 11 day of March, 2025

My commission expires July 18, 2028

Notar



Proposed Revegetation Treatment: Acres Disturbed 1/4 Acre Prevegetation pH 7Lime 2 Tons/acre or to correct to pH 7Fertilizer type 10 10 10Fertilizer amount 500 lbs/acreMulch 2 Tons/acreSeed MixturesTemporary

Seed Type lbs/acre

Permanent

Seed Type lbs/acre

Ky 3150

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: *Angie W. Hula*

Comments: _____

Title: *Inspector del E Coas*Date: *3-12-25*

Field Reviewed?

☒ Yes☐ No

04/04/2025

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

Operator Name: Base Petroleum, Inc.

Watershed (HUC 10): Leatherwood Creek

Quad: Romance

Farm Name: Kermit Tyree

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

NA

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

NA

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

Unnamed Fork of Leatherwood Creek

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.

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

Signature: John Wilbur

Date: 3/11/2025

04/04/2025

Untitled Map

Write a description for your map.

Legend



Path Measure

04/04/2025

Google Earth

Parsons A-1

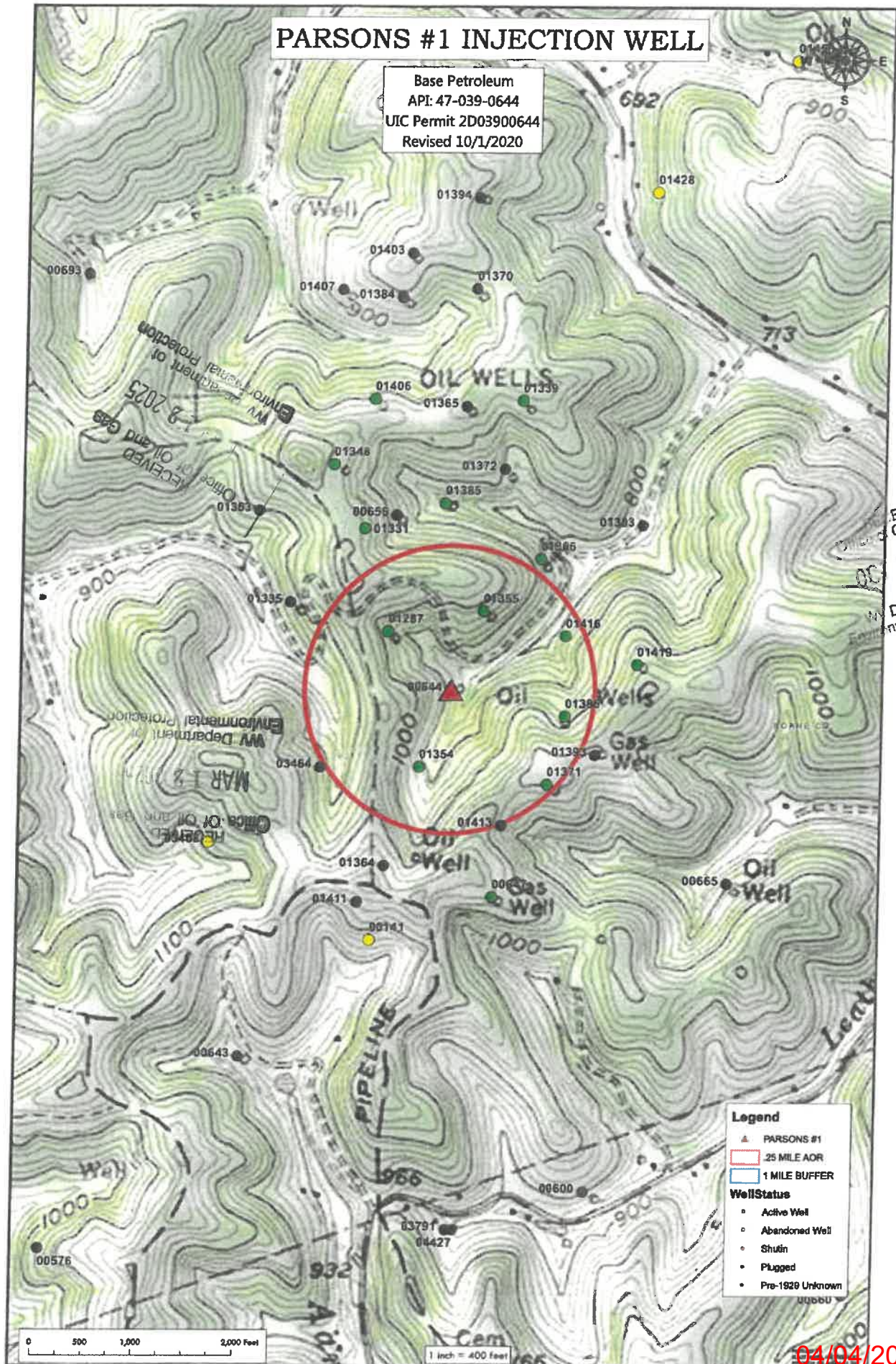


Image © 2025 Airbus

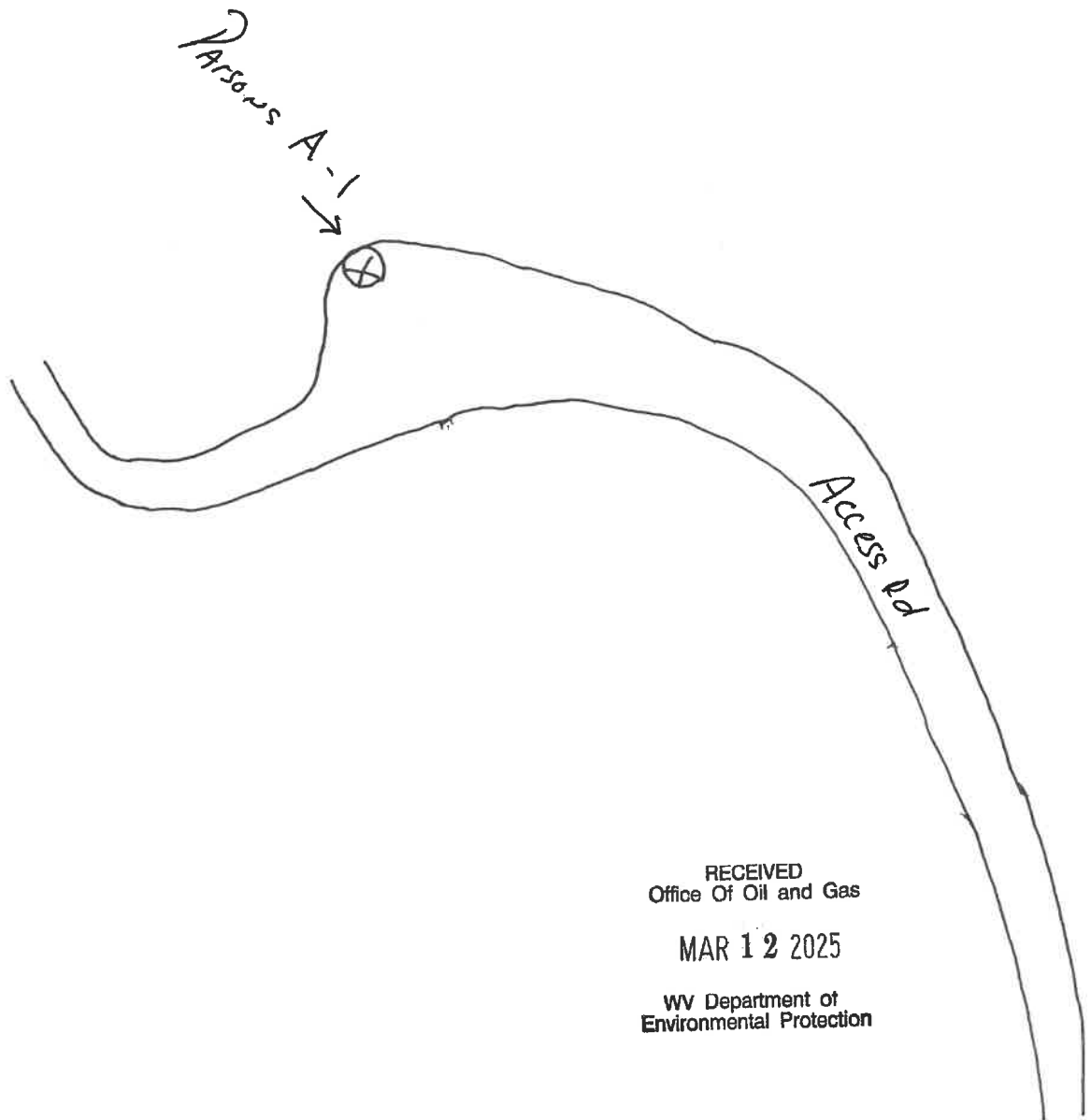
1000 ft



4703900644



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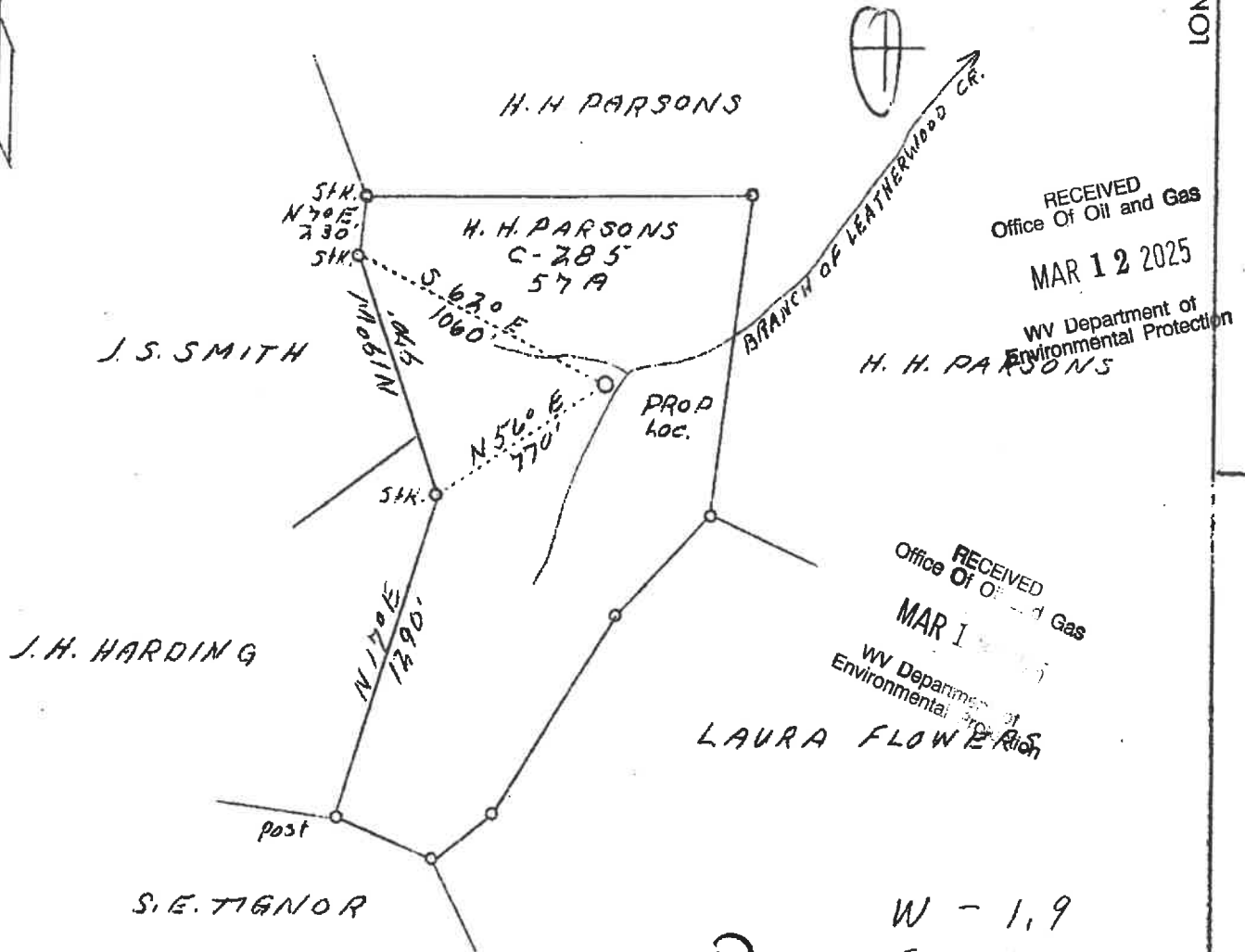
MAR 12 2025

WV Department of
Environmental Protection

04/04/2025

4703900644

LONGITUDE 81°30'



ABD

New Location

7 C (I-5)

Company	Columbian Carbon Co.
Address	Box 1240 Charleston, W.Va.
Farm	H.H.Parsons
Acres	57
Lease No	C - 285
Well (Farm) No.	1
El. (S.L.)	850.7
Quadrangle	SE Kenna S.E.
County	Kanawha
District	Poca
Eng.	James N. Sell

STATE OF WEST VIRGINIA
Department of Mines
OIL AND GAS DIVISION
Charleston

WELL LOCATION MAP

File No. Kan-644

x Denotes location of well on U.S. Topo-
graphic Maps. scale 1 to 62,500. latitude

04/04/2025