

Date:	March	21,	, 19_83

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Well No. T	reeli	ne #1	
API Well No.	47	039	396
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Address 1006 Commerce Square Charleston, WV 25301 O OIL & GAS ROYALTYOWNER Treeline Corporation 12) COAL COAD Address Box 18 Reynolds Ave. Elkview, WV 25071 Acreage 21 13) COAL COAD Address SAME Address SAME Address Address Address Address Address Address Address 14) COAL LOAD OIL & GAS INSPECTOR TO BE NOTIFIED Name Homer H. Dougherty Address Linden Rt. Box 3-A Looneyville, WV 25259 O PROPOSED WORK: Drill X Drill deeper Redrill Plug off old formation Perforate new formation Other physical change in well (specify) O GEOLOGICAL TARGET FORMATION, Devonian SHale 17) Estimated depth of completed well, 4000 feet	Deep Ver Quadra AATED AGENT L 100 Cha PERATOR NO PESS DWNER(S) WITH D Treeline C PESS	Shallow X Ingle: Big Chimney D. C. Malcolm Of Commerce Square arleston, WV 253 Ot operated DECLARATION ON RECORD: Corporation AME CLARATION ON RECORD:
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The requirement of Code 22-4-1-(c) (1) through (4). (See reverse side for specifics.)	old the right to extra	act oil or gas.
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ROYALTY PROVISIONS Is the right to extract, produce or market the oil or gas based upon a lease or other continuing	Output Lakerest	
similar provision for compensation to the owner of the oil or gas in place which is not inl	nerently related to th	ne volume of oil or gas so extracte
produced or marketed? Yes No No		24). The surve salace
the answer above is No, nothing additional is needed. If the answer is Yes, you may use Affice Required Copies (See reverse side.)	lavit Form IV-60.	ter our an adam of
Copies of this Permit Application and the enclosed plat and reclamation plan have been ma	iled by registered m	ail or delivered by hand to the abo
named coal operator, coal owner(s), and coal lessee on or before the day of the mailing or	delivery of this Perm	nit Application to the Department
Mines at Charleston, West Virginia.	Jamos	lul
Notary: 7 Carlo Signed: _	resident	Las ciner and rither
My Commission Expires 2-9-92 Its:	TESTUENT	and intrast theorem
OFFICE USE ONLY	The Part of the	
47-039-3962 DRILLING PERMIT	7 1001	ay 20
mit number	20.5	02/16/2024
is permit covering the well operator and well location shown below is evidence of permission	20.5	Date of the pertinent legal
rements subject to the conditions contained herein and on the reverse hereof. Notification my	Ma	Vertigative with the Dellinent legal
efer to No. 10) Prior to the construction of roads, locations and pits for any permitted work. In a sper district oil and gas inspector 24 hours before actual permitted work has commenced.)	Magranted to drill in a	district Oil and Gas Inspector.

NOTE: Keep one copy of this permit posted at the drilling location,

Agent:

Plat:

Casing

Bond:

Administrator, Office of Oil and Gas

Line Item Explanation

- 1) Date of Application
- 2) Your well name and number
- 3) To be filled out by office of oil & gas
- 4A) "Oil" means natural crude oil or petroleum and other hydrocarbons, regardless of gravity, which are produced at the well in liquid form by ordinary production methods and which are not the result of condensation of gas after it leaves underground reservoirs: "Gas" means all natural gas and all other fluid hydrocarbons not defined as oil.
- 4B) "Shallow well" means any well drilled and completed in a formation above the top of the uppermost member of the "Onondaga Group" or a depth less than six thousand feet, whichever is shallower.
 - "Deep well" means any well drilled and completed in a formation at or below the top of the uppermost member of the "Onondaga Group" or at a depth less then six thousand feet, whatever is shallower.
 - 5) Where well is located
- 6) Before a permit can be issued in a corporation, company partnership, or fictitious name, the name must be registered with the Secretary of State Office
- 7) Use separate sheet if necessary
 - 8) Present surface owner at time application is filed.
 - 9) Optional
 - 11) See Reg. 7.01 relating to code §22-4-1k
- 12) "Coal Operator" means any persons, firm, partnership, partnership association or corporation that proposes to or does operate a coal mine. See Note 24
- 13 & 14) As per §22-4-20; See Note 24
 - 15) Work that will be attempted—A separate Form IV-2 shall not be required for fracturing or stimulating a well where fracturing or stimulating is to be part of the work for which a permit is sought and is noted as such on the Form IV-2 filed in connection therewith.
 - 16) Anticipated formation for which well will be completed
 - 17) Self explanatory
 - 18) Depth to deepest freshwater, and shallowest salt water, taken from nearby wells corrected for differences in elevation
 - 19) All coal seam depths
 - 20) Proposed casing program and cementing refer to Code 22-4-5, 22-4-6, 22-4-7, 22-4-8, 22-4-8a Reg 9.01, 15.01, 15.02, 15.03, 15.04, 25.01, 25.02, 25.03, 25.04
 - 21) Code 22-4-11(c) In lieu of filing the lease or leases or other continuing contract or contracts, the applicant for a permit described herein may file the following:
 - (1)A brief description of the tract of land including the district and county wherein the tract is located;
 - (2) The identification of all parties to all leases or other continuing contractual agreements by which the right to extract, produce or market the oil or gas is claimed;
 - (3) The book and page number wherein each such lease or contract by which the right to extract, produce or market the oil or gas is recorded;
 - (4) A brief description of the royalty provisions of each such lease or contract.
 - 22) Code 22-4-11(d) and 22-4-11(e).
 - 23) Regulation 7.02 of the Department of Mines provides that the original and four copies of Form IV-2 must be filed with the Department, accompanied by (i) a plat in the form prescribed by Regulation 11, (ii) a bond in one of the forms prescribed by Regulation 12, or in lieu thereof the other security allowed by Code §22-4-2, (iii) Form IV-9, "Reclamation Plan", applicable to the reclamation required by Code §22-4-12b and Regulation 23, (iv) unless previously paid on the same well, the fee required by Code §22-4-12a, and (v) if applicable, the consent required by Code §22-4-8a from the owner of any water well or dwelling within 200 feet of the proposed well.
 - The above named coal operator, coal owner(s), and coal lessee are hereby notified that any objection they wish to make or are required to make by Code §22-4-3 must be filed with the Department of Mines within fifteen (15) days after the receipt of this Application by the Department.

The following waiver must be completed by the coal operator and by any coal owner or coal lessee who has recorded a declaration under Code 22-4-20, if the permit is to be issued within fifteen (15) days of receipt thereof.

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	TIME	WAIVER			
The undersigned coal operatoramined this proposed well location. If a added to the mine map. The undersigned operator has complied with all applicab	has no objection le requirements o	to the work propose f the West Virginia	sed to be done at this	ocation, pro	vided, the well
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Date:, 19_1010	ImpA	Ву	F 1 93		490





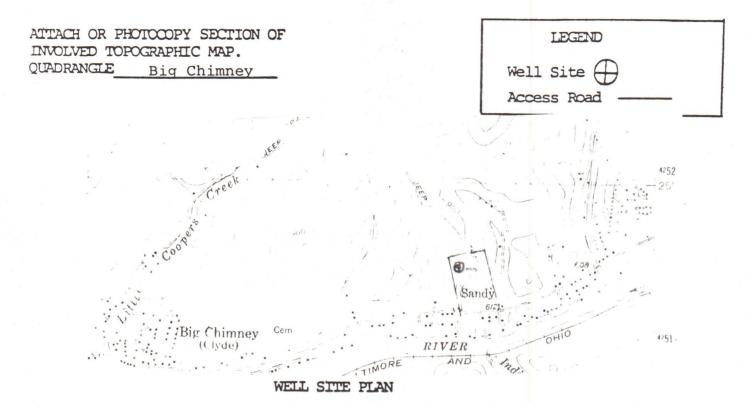
)	Date:	January	11	, 19	84
1	Omenator				

2) Operator's Well No. Treeline #1

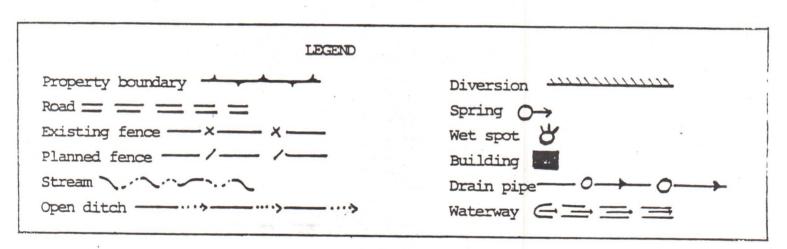
3) API Well No. 47 - 039 - 3962-REN State County Permit

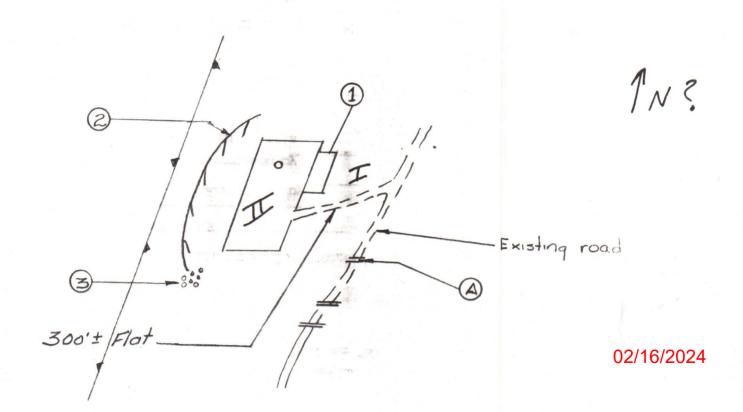
STATE OF WEST VIRGINIA DEPARTMENT OF MINES, OIL AND GAS DIVISION

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11) GEOLOG	GICAL TAR	GET FO	RMATION	ı,	Devo	nian Shal	e	STATE OF THE PARTY		
12) Estim	nated depth o	of comple	ted well,		40	00 feet	per all		D	Contract Contract
							t, 900		m	V Canada
14) Appr 15) CASING						18 Co	oal being mined in the	e area? Yes	TIP NO	
CASING OR			CIFICATION	S		FOOTAGE	INTERVALS	CEMENT FILL-UP	PACK	ERS (ST)
TUBING TYPE	Size	Grade	Weight per ft.	New	Used	For drilling	Left in well	OR SACKS (Cubic feet)	GT A	The Car
Conductor					- Carlotte		26,00000 2,0000		Kinds	
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Coal	7"	2-1,	20#	V	4-6	1800'	1800'	300'	Sizes	Man Man
Intermediate Production	415"		10.5	X	CRESCO.	4000'	4000'	2000	Depths set OY	as red
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				Zorbenda	and the same	OFFICE USE	ONLY	the second reality are one or many trans-		(3)
						DRILLING PH	ERMIT		arted	Well work st
Permit number	47-0	39. 39	62-REN				cso Revi -	February	29,	19 84
This permit cou	varing the w	all operat	or and wal	1 loontie	an shaum	halow is suidenes	of	D ed to drill in accorda	ate IIIII SAI IC	Completion (
quirements subj	ect to the co	onditions	contained	herein a	and on th	e reverse hereof. N	otification must be g	given to the District (Oil and Gas Inspe	ctor, (Refer to
No. 8) Prior to district oil and	the construction gas inspector	tion of re	s before a	ions and ctual pe	d pits for rmitted v	any permitted work ork has commence	k. In addition, the weed.)	rell operator or his co	ontractor shall no	tify the proper
								o any modifications	and conditions sr	necified on the
reverse hereof.		h 1, 1			1875				www.	HOMBIGGIAN
Permit expires		-, -	.,,,,,		-	unless wel	l work is commenced	prior to that date an		
Dand.		./	Plat	0 .	T	_			PECTIONS	OTHER INS
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				land	ALE.	/	1 lugar	J Na	sse	Reason
NOTE: Keep	one copy of	this perm	it posted a	at the di	rilling loc	ation.	Adm	inistrator, Office of	Oil and Gas	
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sile for		See	the reverse	e side o	f the AP	PLICANT'S COPY	for instructions to	the well operator.		
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necessar	y for c	מת שווווים	s.			PHONE	NO. (304)	3/3-0503		
							1304)	343-4249		-



ketch to include well location, existing access road, roads to be constructed, wellsite, drilling pits and necessary structures numbered or lettered to correspond with the first part of this plan. Include all natural drainage.





1) Date: <u>January 11</u>, 19 84

2) Operator's

Well No. Treeline #1

3) API Well No. 47 - 039 - 3962-REN State County Permit

STATE OF WEST VIRGINIA DEPARTMENT OF MINES, OFFICE OF OIL & GAS

NOTICE OF APPLICATION FOR A WELL WORK PERMIT

4) SURFACE O	WNER(S) OF RECORD TO BE SERVED	5(i) COAL OPERATOR None
		Address
	Treeline Corporation	
Addres	s Box 18, Reynolds Ave. Elkview, WV 25071	5(ii) COAL OWNER(S) WITH DECLARATION ON RECO
(ii) Name	EIRVIEW, WV 25071	Name Treeline Corporation
Addres	S	Address Box 18, Reynolds Ave.
		Elkview, WV 25071
(iii) Name		Name
Addres	S	Address
		5(iii) COAL LESSEE WITH DECLARATION ON RECORD
		Name
		Address
		Considerate Contra
	TO THE PERSON(S) NAMED ABOVE: You should h	ave received this Form and the following documents:
	(1) The Application for a Well Work Pe	rmit on Form IV-2(B) (or Form IV-4 if the well a
	to be plugged, which sets out the	parties involved in the drilling or other work
	cementing program:	ation and, if applicable, the proposed casing and
	(2) The plat (surveyor's map) showing	the well location on Form IV-6; and
	(3) The Construction and Reclamation P plug a well), which sets out the p	lan on Form IV-9) unless the well work is only to lan for erosion and sediment control and for
	reclamation for the site and acces	lan on Form IV-9) unless the well work is only to lan for erosion and sediment control and for s road. S IS THAT YOU HAVE RIGHTS REGARDING THE APPLICATION
	THE REASON YOU RECEIVED THESE DOCUMENT	S IS THAT YOU HAVE RIGHTS REGARDING THE APPLICATION
	(FORM IV-2(B) OR FORM 4, DESIGNATED FOR YOU	ON THE REVERSE SIDE OF THE COPY OF THE APPLICATION HOWEVER, YOU ARE NOT REQUIRED TO TAKE ANY
	ACTION AT ALL.	Total and the following to lake Airi
	for a Well Work Permit with the Administrate Department of Mines, with respect to a well and depicted on attached Form IV-6. Copies Construction and Reclamation Plan have been	the West Virginia Code, the undersigned well op- portice and Application and accompanying documents or of the Office of Oil and Gas, West Virginia at the location described on attached Application of this Notice, the Application, the plant and the mailed by registered or certified mail or delivered
	before the day of mailing or delivery to the	publication in certain circumstances) on or
	6) EXTRACTION RIGHTS Check and provide one of the following:	per continuing contract of contracts by the
	K Included is the lease or leases or oth	mer continuing contract or contracts by which
		gas. through (4). (See reverse side for specifics.)
		dirough (4). (See reverse side for specifics.)
	7) ROYALTY PROVISIONS Is the right to extract, produce or marke	at the oil or gas based upon a lease or leases
	of other contract of contracts providing	for flat well royalty or any similar provision
	If the answer above is No, nothin you may use Affidavit Form IV-60.	g additional is needed. If the answer is Yes,
	See the reverse side for line item in the required copies of the Notice and Reclamation Plan.	nstructions, and for instructions concerning d Application, plat, and Construction and
The truth o	of the information on the	WELL
	Application is verified	OPPRING
	o and the Notice is	OPERATOR D. C. Malcolm, Inc.
	chalf of the Well Operator	By Wal en
	y and State by	The
D. C. Ma	alcolm	Address 1006 Commerce Square
	of January , 1984.	
	ssion expires 9/21 , 1992.	<u>Charleston, WV 25301</u> Telephone (304) 343-9593
1000	4111	1010110 (304) 343-9593
Notari	y d. Hanglard	00/40/0004
Notary #	ublic, <u>Kanawha</u> County,	02/16/2024

State of West Virginia

INSTRUCTIONS TO APPLICANT

CONCERNING THE LINE ITEMS:

- 1) Date of Notice.
- 2) Your well name and number.
- 3) To be filled out by the Office of Oil & Gas.
- 4) & 5) Use separate sheet if necessary.
 - 4) Surface owner(s) of record to be served with Notice and Application. However, see also Code § 22-4-lb(b) if "more than three tenants in common or other co-owners of interest described in subsection (a) of this section hold interests in such lands".
 - 5(i) "Coal Operator" means any person, firm, partnership, partnership association or corporation that proposes to or does operate a coal mine.
- 5(ii, iii) See Code § 22-4-20.
 - 6) See Code § 22-4-11(c). However, in lieu of filing the lease(s) or other continuing contract(s), the Applicant may fill out the information in the space provided below.
 - 7) See Code § § 22-4-11(d, e).

CONCERNING THE REQUIRED COPIES FOR FILING AND SERVICE:

Filing. Code § 22-4-lk and Regulation 7.02 provide that the original and required copies of the Notice and Application must be filed with the Administrator, accompanied by (i) a plat in the form prescribed by Regulation 11, (ii) a bond in one of the forms prescribed by Regulation 12, or in lieu thereof the other security allowed by Code § 22-4-lk(d) and the reclamation required by Code § 22-4-12b and Regulation 23, (iv) unless previously paid on the same well, the fees required by Code § 22-4-la(c) and 22-3-12a, and (v) if applicable, the consent required by Code § 22-4-8a from the owner of any water well on dwelling within 200 feet of the proposed well.

 $\frac{\text{Service}.}{\text{with an interest in the coal.}} \text{ See Code § § } 22-4-lm, 22-4-2, 22-4-2a, and } 22-4-2b.$

INFORMATION SUPPLIED UNDER CODE § 22-4-11(d) IN LIEU OF FILING LEASE(S) AND OTHER CONTINUING CONTRACT(S)

Under the oath required to make the verification on the obverse side of this Notice, I depose and say that I am the person who signed the Notice for the Applicant, and that—

- (1) the tract of land is the same tract described in the Application to which this Notice applies, partly or wholly depicted in the accompanying plat, and described in the Construction and Reclamation Plan;
- (2) the parties and recordation data (if recorded) for lease(s) or other continuing contract(s) by which the Applicant claims the right to extract, produce or market the oil or gas are as follows:

Grantor, lessor, etc. Grantee, lessee, etc. Royalty Book Page



1)	Date:	mmisman 11	, 19
2)	Operator's	Maria 3 / mar	. 1

3) API Well No. 47 030 State County Permit

STATE OF WEST VIRGINIA DEPARTMENT OF MINES, OIL AND GAS DIVISION APPLICATION FOR A WELL WORK PERMIT

5) LOCATIO		evation: _					Ello River	Quadrangle:	ald Sandy
6) WELL OP	Service Control of the Control of th			Y	100			DAGENT D. C	(2) 大学・大学・大学・大学・大学・大学・大学・大学・大学・大学・大学・大学・大学・大
-,							Address	1006 Commer	
								Charleston	WV 25301
8) OIL & GA	S INSPEC			ILIED	productival Language	en architectura dell'estate de	9) DRILLING C	norm	
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10) PROPOSE	D WELL	WORK:	Drill_5	*	/ Drill	deeper	/ Redrill	/ Stimulate	James San San San
			Plug o	ff old f	ormation	/ Perfo	rate new formation	1/	
						well (specify)		The first the second of the	the sign over
		CET FOR						,	
III OFOLOG									
11) GEOLOGI	ICAL TAR	GETFOR	WATIOI	,	400	n fact			and a second property of the second second second
12) Estima	ated depth	of complet	ed well,	7.55	400	nfeet			
12) Estimated 13) Approx	ated depth oximate trai	of complet a depths:	ed well, Fresh, _		100	feet; sal	t, <u> </u>	feet.	
12) Estima13) Appro14) Appro	ated depth oximate train	of complet a depths: l seam dep	ed well, Fresh, _ ths:		100	feet; sal	t, <u> </u>		/ No
12) Estimated 13) Approx	ated depth oximate train	of complet a depths: l seam dep NG PRO	ed well, Fresh, _ oths: GRAM		100	feet; sal	t, 900 oal being mined in th	feet. ne area? Yes	
12) Estima 13) Appro- 14) Appro- 15) CASING A	ated depth oximate train	of complet a depths: l seam dep NG PRO	ed well, Fresh, _ ths:		100	feet; sal	t, <u> </u>	feet.	/ No_X PACKERS
12) Estima 13) Appro 14) Appro 15) CASING A	ated depth oximate train	of complet a depths: l seam dep NG PRO	ed well, Fresh, _ oths: GRAM CIFICATION		100	feet; sal	t, 900 oal being mined in th	feet. ne area? Yes	
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12) Estima 13) Appro 14) Appro 15) CASING A CASING OR TUBING TYPE Conductor Fresh water Coal Intermediate	ated depth oximate train oximate coa AND TUBI	of complet a depths: l seam dep NG PRO SPEC Grade	ed well, Fresh, _ oths: GRAM EFFICATION Weight per ft.	es I	190	feet; sal Is co	it, 9000 pal being mined in the INTERVALS Left in well	re area? Yes	PACKERS
12) Estima 13) Appro 14) Appro 15) CASING A CASING OR TUBING TYPE Conductor Fresh water Coal Intermediate Production	ated depth opximate train opximate coa AND TUBI	of complet a depths: l seam dep NG PRO SPEC Grade	red well, Fresh, _ ths: GRAM FICATION Weight per ft.	es I	190	feet; sal Is co FOOTAGE For drilling	tt, 900 oal being mined in the INTERVALS Left in well 300*	re area? Yes	PACKERS Kinds Sizes
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12) Estima 13) Appro 14) Appro 15) CASING A CASING OR TUBING TYPE Conductor Fresh water Coal Intermediate Production Tubing	ated depth opximate train opximate coa AND TUBI	of complet a depths: l seam dep NG PRO SPEC Grade	red well, Fresh, _ ths: GRAM FICATION Weight per ft.	es I	190	feet; sal Is co FOOTAGE For drilling	tt, 900 oal being mined in the INTERVALS Left in well 300*	re area? Yes	PACKERS Kinds Sizes Depths seor as recovery rule 15.01
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The law requires a comment period for surface owners. However, the permit can be issued in less than 15 days from the filing of the Application if the surface owner(s) of record sign(s) the following "Voluntary Statement of No Objection" on a facsimile of this surface owner's copy of the Application.

VOLUNTARY STATEMENT OF NO OBJECTION

I hereby state that I have read the instructions to surface owners on the reverse side of this Application for a Well Work Permit, and that I have received copies of (1) a Notice of Application for a Well Work Permit on Form IV-2(A), (2) an Application for a Well Work Permit on Form IV-2(B), (3) a survey plat on Form IV-6, and (4) a Construction and Reclamation Plan on Form IV-9, 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 based on those materials.

materials.	
(For execution by corporation, partnership, etc.)	(For execution by natural persons)
NAME: TREELINE GRPORATION	Hafeet F. Jackson Pres. Date: 1-13-84
Its President Date 3-1-84	(Signature) Date:
	(Cignature)

INSTRUCTIONS TO SURFACE OWNERS AND EXPLANATION OF METHODS AND TIME LIMITS TO COMMENT ON OIL AND GAS WELL WORK PERMIT

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The well operator named in the Notice and this Application and the attached materials is applying for a permit from the State to do oil or gas well drilling or other well work. You are being served with these materials because surface owners have the right to file comments before the permit is issued. (NOTE: If the surface tract is owned by more than three persons, in multiple heirship for example, 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, Article 4 of the W. Va. Code. 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 named in the materials and the Administrator of the Office of Oil and Gas in the West Virginia Department of Mines immediately.

NOTE: You are not required to file any comment at all.

Where to file comments and obtain additional information:

Administrator of the Office of Oil and Gas West Virginia Department of Mines 1615 Washington Street East Charleston, West Virginia 25311 (304) 348-2057

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Who may file comments? If you wish to file comments, you must be an owner of record of (1) an interest in the surface tract on which the well already is or is about to be located, or (2) an interest in any other surface tract under the same oil or gas lease which will be utilized for roads or other land disturbances.

Time limits for comments. The law requires these materials to be delivered on or before the date the operator files his Application. You have FIFTEEN (15) DAYS after the filing date to file your comments as provided in Methods for Filing Comments below. You may call the Administrator's office at the above telephone number to be sure of the date. However, if you have been contacted by the well operator, and if you have signed a "voluntary statement of no objection" to any of 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.

Methods for filing comments. Comments must be filed in person or received in the mail at the Administrator's office by the time stated above. Check with your postmaster to ensure adequate delivery time or to arrange special expedited handling.

The Administrator for Oil and Gas has the power to deny or condition a well work permit based on your comments on the following grounds:

- "(1) The proposed well work will constitute a hazard to the safety of persons; or
- "(2) The plan for soil erosion and sediment control is not adequate or effective; or
- "(3) Damage would occur to publicly owned lands or resources; or
- "(4) The proposed well work fails to protect fresh water sources or supplies."

If you want a copy of the permit as it is finally issued, or a copy of the order denying the permit, you should request a copy from the Administrator.

List of Water Testing Laboratories. The Administrator 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 Administrator's office or an Oil and Gas Inspector to obtain a copy of the list.

FORM IV-2(B) SURFACE OWNER'S COPY

5) LOCATION: Elevation: 7911

4) WELL TYPE: A Oil ____/ Gas ___/
B (If "Gas", Production ____/ Underground storage _



一一、加工。激励,以《新生》、"加工、山土、游》等。

1) Date:	mary	11	, 19 84
2) Operator's Well No.	reel	ine #1	
3) API Well No.	47	039	
	State	County	Permit

_/ Deep ____/ Shallow ___/)

STATE OF WEST VIRGINIA DEPARTMENT OF MINES, OIL AND GAS DIVISION APPLICATION FOR A WELL WORK PERMIT

Watershed: __R1k River

						County:	Kanawha	Quadrangle: _	Big Sandy
6) WELL OP	ERATOR	D. C.	Malo	olm	, Inc		7) DESIGNATEI	DAGENT D. C	
Address	s <u>10</u>	06 Co	mmerc	e S	quara		Address	1006 Comme	rce Square
	Ch	arles	ton,	WV	25301			Charleston	WV 25301
8) OIL & GA				FIED			9) DRILLING CO	ONTRACTOR:	
Name Je							Name Unkn	lown	
Address	s <u>B</u>	ox 58					Address		
		ndore	, WV	25	111				
10) PROPOSE	D WELL	WORK:	Drill_3		_/ Drill	deeper	/ Redrill	/ Stimulate	
			Plug o	ff old	formation_		orate new formation		
			Other p	hysical	change in	well (specify)			
11) GEOLOGI	CAL TAR	GET FOR				an Shale			
12) Estima	ated depth	of complet	ed well,		4000	fee	et		
13) Appro							lt, 900	feet.	
14) Appro							coal being mined in the		/ NoX /
15) CASING A	AND TUB	ING PRO	GRAM						
CASING OR	1	SPEC	CIFICATION	S	11	FOOTAGE	INTERVALS	CEMENT FILL-UP	PACKERS
TUBING TYPE	Size	Grade	Weight per ft.	New	Used	For drilling	Left in well	OR SACKS (Cubic feet)	THOMEN'S AND ADDRESS OF THE PARTY OF THE PAR
Conductor							Zert in wen	(Cubic feet)	Kinds
Fresh water	-5/8			X		300"	300'	to surface	Killus
Coal							700	DO DULLUOS	Sizes
Intermediate	711		205	X		1800'	1800'	8001	51265
Production	435"		0.5	X		4000'	4000'	2001	Denthe set OF AC FOR
Tubing							3000	1	Depths setOF as req.
Liners									Perforations:
									Top Bottom
									Top Bottom
	The l	aw require	s a comm	ent peri	od for surf	ace owners. How	vever, the permit can	be issued in less than 1	5 days from
	the filing of	of the App	lication if	the surf	ace owner(s) of record sign(ne Application.	s) the following "Volu	intary Statement of No	Objection"
	on a racsi	inne or tin	is surface	owner s	copy of the	ie Application.			
				VO	LUNTARY	STATEMENT	OF NO OBJECTION		
I hereby stat	e that I ha	ve read the	instruction	ns to su	irface own	ers on the reverse	side of this Applicati	on for a Well Work Pe	ermit, and that I have received
copies of (1) a No	otice of Ap	plication f	or a Well	Work P	ermit on Fo	orm IV-2(A), (2)	an Application for a V	Well Work Permit on F	form IV-2(B), (3) a survey plat
I further stat	te that I ha	ve no obje	ction to th	iamano le plann	n Pian on led work de	Form IV-9, all for	or proposed well work	k on my surface land	as described therein, it being issued based on those
naterials.	o mut i mu	ve no obje	ction to ti	e plann	ica work at	scribed in these i	nateriais, and I have i	no objection to a perm	it being issued based on those
For execution by	y corporati	ion, partne	ership, etc	.)		(Fo	r execution by natura	al persons)	
JAME.						4	No.		
NAME:						- B	spect of	Jackson	Pres. Date: 1-13-8
Ву							K	ignature)	
									Date:
Its				D	ate		(S	ignature)	Bate

INSTRUCTIONS TO SURFACE OWNERS AND EXPLANATION OF METHODS AND TIME LIMITS TO COMMENT ON OIL AND GAS WELL WORK PERMIT

The well operator named in the Notice and this Application and the attached materials is applying for a permit from the State to do oil or gas well drilling or other well work. You are being served with these materials because surface owners have the right to file comments before the permit is issued. (NOTE: If the surface tract is owned by more than three persons, in multiple heirship for example, 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, Article 4 of the W. Va. Code. 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 named in the materials and the Administrator of the Office of Oil and Gas in the West Virginia Department of Mines immediately.

NOTE: You are not required to file any comment at all.

Where to file comments and obtain additional information:

Administrator of the Office of Oil and Gas West Virginia Department of Mines 1615 Washington Street East Charleston, West Virginia 25311 (304) 348-2057

Who may file comments? If you wish to file comments, you must be an owner of record of (1) an interest in the surface tract on which the well already is or is about to be located, or (2) an interest in any other surface tract under the same oil or gas lease which will be utilized for roads or other land disturbances.

Time limits for comments. The law requires these materials to be delivered on or before the date the operator files his Application. You have FIFTEEN (15) DAYS after the filing date to file your comments as provided in Methods for Filing Comments below. You may call the Administrator's office at the above telephone number to be sure of the date. However, if you have been contacted by the well operator, and if you have signed a "voluntary statement of no objection" to any of 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.

Methods for filing comments. Comments must be filed in person or received in the mail at the Administrator's office by the time stated above. Check with your postmaster to ensure adequate delivery time or to arrange special expedited handling.

The Administrator for Oil and Gas has the power to deny or condition a well work permit based on your comments on the following grounds:

- "(1) The proposed well work will constitute a hazard to the safety of persons; or
- "(2) The plan for soil erosion and sediment control is not adequate or effective; or
- "(3) Damage would occur to publicly owned lands or resources; or
- "(4) The proposed well work fails to protect fresh water sources or supplies."

If you want a copy of the permit as it is finally issued, or a copy of the order denying the permit, you should request a copy from the Administrator.

List of Water Testing Laboratories. The Administrator 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 Administrator's office or an Oil and Gas Inspector to obtain a copy of the list.

COAL OWNER'S COPY



1)	Date:	muary	11	, 19 84
2)	Operator's Well No.	mreel.	ino 41	
3)	API Well No.	47	039	
		State	County	Permit

STATE OF WEST VIRGINIA DEPARTMENT OF MINES, OIL AND GAS DIVISION APPLICATION FOR A WELL WORK PERMIT

1)	WELL TYI	PE: A O	il	/ G:	15	, ,					
7)	WELL III					X	/ Underground s	torage	/ Deep	_/ Shallow	/)
5)	LOCATIO							Elk Pive			
-,	200.1110		trict:						Quadrangle:	Rig Sandy	
6)	WELL OP				aols	. Inc			DAGENT D		
	Address					louare		Address	1006 Comm	erce Square	
			The Charles Street		THE PERSON NAMED IN	25301			Charlesto	. WV 25301	
8)	OIL & GA		MOUNTAINED	NOTE OF THE OWNER, OWNER, OWNER, OWNER, OWNER, OWNER,				9) DRILLING C	ONTRACTOR:		
	Name							Name IInk	nown		
	Address		lox 5					Address			
			Indor	e. WV	25	1111					
10)	PROPOSE	D WELL V	WORK:	Drill	X	_/ Drill	deeper	/ Redrill	/ Stimulate		
							/ Perfora	ite new formation	/		
							well (specify)				
11)	GEOLOGI	CAL TAR	GET FOR	MATION		Devon	ian Shale				
	(2) Estima										
	(3) Appro							900	feet.		
	(4) Appro							l being mined in th	e area? Yes	/ No	/
15)	CASING A	ND TUBI	NG PRO	GRAM							
	ING OR			CIFICATION	3	- 11	FOOTAGE IN	NTERVALS	CEMENT FILL-UP	PACKERS	
TUB	ING TYPE	Size	Grade	Weight per ft.	New	Used	For drilling	Left in well	OR SACKS (Cubic feet)		
Condu	ector	O.L.								Kinds	
Fresh		9-5/8			v		3001	3001	to surface		
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Produ		41.11		10.5	×		4000'	40001	2001	Depths set or as	red.
Tubing				1						by rule 15.	01
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										Top Botton	n
				****	TRUC	TIONS TO	COAL OBERAT	OR OWNER OR	LECCEE		
				INS	TRUC	HONS TO	COAL OPERAT	UR, UWNER, UR	LESSEE		
									any objection they wis		
							led with the Depart	ment of Mines wit	hin fifteen (15) days af	ter the receipt	
		of this Ap	plication	by the De	partme	nt.				,	
			The follo	wing waiv	er musi	be comple	eted by the coal op	erator and by any	coal owner or coal les	see	
									issued within fifteen (
			days of t	he filing o	f the A	pplication.					
							WAIVED				
							WAIVER				
Th	e undersign	ed coal ope	erator _			_/ owner		/ lessee		coal under this well locati	on has
exam	ined this pr	oposed wel	ll location	. If a mine	map e	xists which	covers the area of	the well location, t	he well location has be	en added to the mine ma	p. The
	rsigned has Vest Virgini						tills location, prov			all applicable requireme	
the v	vest virgili	a Code all	a the gove	criming regi	atrons			15	15		
								IKEEL	INE COR	FORATION	
					m			4,	1	PORATION .	,

STATE OF WEST VIRGINIA

DEPARTMENT OF MINES

OIL AND GAS WELLS DIVISION



INSPECTOR'S WELL REPORT Permit No. 039-3961 Ren

OIL & GAS DIVISION

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Oil or Gas Well_

Y -	1	and the second second second second			
Company D. C. MAKOLM INC.	CASING AND TUBING	USED IN	LEFT IN	PACKERS	
Address Charleston, WU	Size				
Farm TREFline Corp.	16				
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Well No#/			THE REPORT OF THE	Marian Parameter	
District ELK County KAV.	10			Size of	
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Drilling completedTotal depth	5 3/16				
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	Liners Used			Perf. top	
Open flow after tubing/10ths Merc. inInch				Perf. bottom	
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lt waterfeetfeet			I'l	ETINCH	
	FEET_	INCHES	FE_	ETINCH	
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Cement with 125 SACKS Clas	ng				
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1 7 ON CEMENT					
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DATE	d therein.	Rod			
stead of for the term originally specified		Rod			
DATE		Rod			

CHARLESTON . NV





1)	Date:	January	11	, 198	4	
•						

2) Operator's Well No. Treeline #1

FHONE NO. (304) 343-9593

3) API Well No. 47 - 039 - 3962-REN State County Permit

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

	- AMARIATA	A COM MARKET		DEPARTM	ENT OF MINES	S, OIL A	ND GAS DIVISION	ON	But the property of the second	
BIDE	GAS-DIVI	NYI BEA		APPLIC	CATION FOR A	WELL V	VORK PERMIT			and the same of the same of the same of
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WELL TY	PE: A Oi	BW CB	/ Ga					DIFICATIONS		
	B (If	"Gas", 1	Production	X	/ Undergr	round stor	age	_/ Deep	_/ Shallow X	/)
LOCATIO		vation: _		1"			Elk River			
	Dist	trict:	Elk	1	County:	K	anawha	Quadrangle:	Big Sandy	
WELL OP	ERATOR	D. C	. Mal	colm. I	inc.	7)	DESIGNATED	AGENT D. C	. Malcolm	the contract of the contract o
Address					are		Address	1006 Comme	erce Squar	e
Addies				WV 253				Charleston		
OIL & GA					e commendance de participation.	9)	DRILLING CO		343-9393	and the second second
OIL & GA	ONNI U	lol do	mb	Corpor		"	Name Unkr			
Name _U	CITAL	OV 5	Q	erde ce	re Fas		Address	i-m	1	A married
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UBING TYPE	Size	Grade	Weight per ft.	New Used	For drillin	ng	Left in well	OR SACKS (Cubic feet)	D	FED
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PAGE	ROIL M	SHORTS	deu die	wollot yns	irrences and s	HOOG ALE	dates of cert	is to record the	Of Form got 20	sottom
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necessary for comments.

STATE OF WEST VIRGINIA

DEPARTMENT OF MINES

OIL AND GAS WELLS DIVISION



INSPECTOR'S WELL REPORT

OIL & GAS DIVISION DEPT. OF MINES

Oil or Gas Well_

Permit No. 039-3961 Ren

			(KII	4D)	
Company D. C. Makolm Inc.	CASING AND TUBING	USED IN DRILLING	LEFT IN WELL	PACI	KERS
Address Charleston, WU	Size				
Farm TREFline CORp.	16			Kind of Pac	eker
Well No. #/	13				
District ELK County KAN.	81/4			Size of	
Drilling commenced	65/8			Depth set	
Drilling completedTotal depth	5 3/16				
Date shotDepth of shot	3			Perf. top Perf. botton	
Initial open flow/10ths Water inInch	Liners Used			Perf. top	
Open flow after tubing/10ths Merc. inInch				Perf. botton	n
VolumeCu. Ft.	CASING CEMEN	TED	SIZE	No. FT	Date
Rock pressurelbshrs.	NAME OF SER				10.000
Oilbbls., 1st 24 hrs.	COAL WAS EN	COUNTERED	AT	_FEET	INCHES
Fresh waterfeetfeet					
Salt waterfeetfeet					
Drillers' Names Clint Hurt Rig 7	#1				4
Remarks: Run 318 ft. of 8518 CA	Sing				

Cement with 125 SACKS Class Acement Waiting on Cement

Rod Dilde

Form 26 2/16/82

STATE OF WEST VIRGINIA

DEPARTMENT OF MINES

OIL AND GAS WELLS DIVISION

INSPECTOR'S PLUGGING REPORT

Permit No.				W	ell No				
COMPANY	went bank		ADDRESS	my 53/45	-1/-	No. of the second			
FARM		DISTRICT COUNTY							
Filling Material Used					Cr p. A				
Liner Loc	cation	Amour	nt Packer	Loc	ation				
	AND DEPTH PLACED		BRIDGES	CASING	G AND TU	BING			
CEMENT-THICKNESS	WOOD-SIZE	LEAD	CONSTRUCTION-LOCATION	RECOVERED	SIZE	LOST			
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						Parties South of			
						2017 879			
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Drillers' Names	2000年1月1日 - 1000年1月1日 - 1000年1月 - 1					and the state of t			
						95.47% BES			
Remarks:	per grant and a supply to the grant manager	The part of the pa	AND THE RESERVE OF THE PARTY OF						
Remarks.									
	I hereby certify I vis	sited the above	well on this date						
DATE	I hereby certify I vi	sited the above	Well oil tills date.						
					1005055				
			D	ISTRICT WELL IN	1SPECTOR 02/10	6/2024			

Permit No. 039-3962 REN

STATE OF WEST VIRGINIA

DEPARTMENT OF MINES

OIL AND GAS WELLS DIVISION



INSPECTOR'S WELL REPORT

OIL & GAS DIVISION

DEPT. OF MINES

Company D.C. MA/Colm, Ivc.	CASING AND TUBING	USED IN DRILLING	LEFT IN	PACK	ERS
Address Charleston, W	Size			Lattern Land	
Farm TREEline CORP	16			Kind of Pacl	cer
	13	389,44	internative div	a disentence	
Well No. # /	10	ALL		Size of	W. Man
District EIK County Kau	81/4				
Drilling commenced	65%			Depth set	
	5 3/16				
Drilling completedTotal depth	3			Perf. top	was to all you my local of
Date shotDepth of shot	2			Perf. bottom	
Initial open flow/10ths Water inInch	Liners Used			Perf. top	
Open flow after tubing/10ths Merc. inInch				Perf. bottom	
VolumeCu. Ft.	CASING CEME	NTED	SIZE	No. FT	Date
Rock pressurelbshrs.	NAME OF SE	RVICE COMPA	ANY		
Oilbbls., 1st 24 hrs.	COAL WAS E	NCOUNTERED	AT	FEET	INCHES
Fresh waterfeetfeet	FEET	INC	HES	FEET	INCHES
Salt water feet feet	FEET	INC	HES	_FEET	INCHES
Drillers' Names Clist Hunt Rig	#1				2742-1913
Remarks: DRilling ON Pluid At	870 St				
			Litera vitace		
5/16/84		W	rel D	(flow)	

DISTRICT WELL INSPECTOR

STATE OF WEST VIRGINIA DEPARTMENT OF MINES

Form 26 2/16/82

STATE OF WEST VIRGINIA DEPARTMENT OF MINES

Form 26 2/16/82



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

INSPECTOR'S PLUGGING REPORT

MPANY	Y		ADDRESS	31-31-5	- L.C)	
ARM		_ DISTRICT .	C	OUNTY			
ling Material Used				dew	Ď.Č.		
		Amou		Loc	ation		
ner Loc	ND DEPTH PLACED	Amou	BRIDGES	CASING AND TUBING			
CEMENT-THICKNESS	WOOD-SIZE	LEAD	CONSTRUCTION-LOCATION	RECOVERED	SIZE	LOST	
CEMENT-THORNESS			Bress		14.	T	
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	20.000						
11000	TA GBET	TATOONS	LESS HES COAL WA				
rillers' Names	aecom	Total	SI SAN	7.00			
	201761	***					
Remarks:	and the second s	topic gardinary and a second and a second					
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	I hereby certify I vi	sited the above	well on this date.				

STATE OF WEST VIRGINIA

DEPARTMENT OF MINES

OIL AND GAS WELLS DIVISION

INSPECTOR'S WELL REPORT

Permit No. 039-39	161	R	EN
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Oil or Gas Well GAS

Company D. C. MAICUIM IN	e.	CASING AND TUBING	USED IN DRILLING	LEFT IN WELL	PACK	ERS
Address Charleston		Size				
FARM TREELINE CORD.		6			Kind of Pack	cer
Well No. #1		3	- 10 m		Size of	
District ELK County Kn		81/4	ECEN	מפונו	Size of	
Drilling commenced		65%	Beau	75	Depth set	
Drilling completedTotal depth		5 3/16		1984		
Date shotDepth of shot		DEI	PT. OF N	INES	Perf. top Perf. bottom	
Initial open flow/10ths Water in	1	iners Used			Perf. top	
Open flow after tubing/10ths Merc. in_					Perf. bottom	
Volume		ASING CEMEN	TED	SIZE	No. FT.	Date
Rock pressurelbs	١,	NAME OF SERV				
Oilbbls., 1		OAL WAS EN	COUNTERED	AT	_FEET	INCHES
Fresh waterfeet		FEET_				
Salt waterfeet	feet _	FEET_	INCH	ES	_FEET	INCHES

Remarks: MAKE FINAL INSPECTION

LOCATION RECLAIMED & Seeded GRASS BON'T LOOK VERY GOOD

GOING TO WAIT AWNILE BEFORE RELEASING

10/3/194

HOZI DEGETTALIZO24

STATE OF WEST VIRGINIA

DEPARTMENT OF MINES

OIL AND GAS WELLS DIVISION

INSPECTOR'S PLUGGING REPORT

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PLUGS USED AND DEPTH PLACED CEMENT-THICKNESS WOOD-SIZE LEAD CONSTRUCTION-LOCATION RECOVERED SIZE LEAD Drillers' Names Thereby certify I visited the above well on this date.	PLUGS USED AND DEPTH PLACED BRIDGES CASING AND TUBING CEMENT-THICKNESS WOOD-SIZE LEAD CONSTRUCTION-LOCATION RECOVERED SIZE LOST WOOD-SIZE LOST WOOD-SIZE LEAD WOOD-SIZE LEAD WOOD-SIZE LEAD WOOD-SIZE LEAD WOOD-SIZE LEAD WOOD-SIZE LOST WOOD-SIZE WOOD-SIZE LOST WOOD-SIZE WOOD-SIZE LOST WOOD-SIZE WOOD-SIZE LOST WOOD-SIZE WOOD
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DATE	DATE I hereby certify I visited the above well on this date.

DISTRICT WELL INSPECTOR 16/2024

COMPANY





State of West Virginia

OIL & GAS DIVISION DEPT. OF MINES

039-3962

Bepartment of Mines Gil and Gas Bivision

Charleston 25305

PERMIT NO

FINAL INSPECTION REPORT INSPECTORS COMPLIANCE REPORT October 1, 1984 D. C. Malcolm, Inc.

IN COMPLIANCE YES NO
NO NO
nes
rator-Oil & Gas Divis
December 28, 1984
DATE
ereafter as the said on of oil or gas.
02/16/20
h

STATE OF WEST VIRGINIA

DEPARTMENT OF MINES

OIL AND GAS WELLS DIVISION



INSPECTOR'S WELL REPORT

OIL & GAS DIVISION
DEPT. OF MINES

Permit No. 039-3962 REN			Oil or	Gas Well
Company D.C. MAICOIM	CASING AND TUBING	USED IN DRILLING	LEFT IN WELL	PACKERS
Address Charleston	Size			Marit brown wall
Farm TREELINE	16			Kind of Packer
Well No/	13	7.4		
TIV V	10			Size of
•	65%			Depth set
Drilling commenced	5 3/16			
Drilling completedTotal depth	3			Perf. top
Date shotDepth of shot	2	1		Perf. bottom
Initial open flow/10ths Water inInch	Liners Used			Perf. top
Open flow after tubing/10ths Merc. inInch				Perf. bottom
VolumeCu. Ft.	CASING CEME	NTED	SIZE	No. FTDa
Rock pressurelbshrs.	NAME OF SEP	RVICE COMPA	NY	
Oilbbls., 1st 24 hrs.	COAL WAS EN	COUNTERED	AT	_FEETINCH
Fresh waterfeetfeet	FEET	INCE	IES	FEETINCH
Salt waterfeetfeet	FEET	INCH	IES	FEETINCHI
Drillers' Names Clint Hurt	Rig #	±1		
Remarks: DRilled IN Setting ON LOCAtion	J			

7/13/84 DATE

5/21/84 BATE

O2/16/2024
Roll Willow

Form 26 2/16/82

STATE OF WEST VIRGINIA DEPARTMENT OF MINES

OIL AND GAS WELLS DIVISION

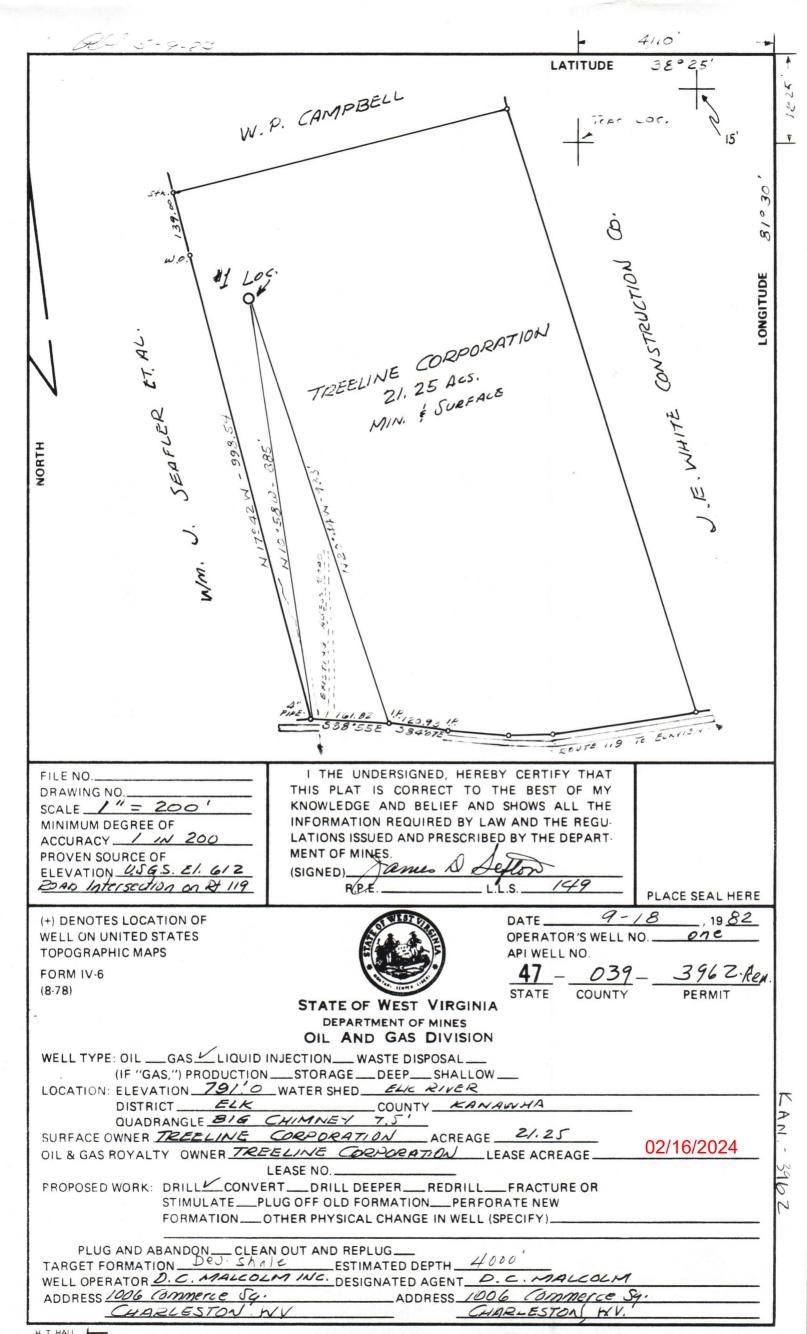
Form 26 2/16/82



STATE OF WEST VIRGINIA DEPARTMENT OF MINES

OIL AND GAS WELLS DIVISION INSPECTOR'S PLUGGING REPORT

Permit No.			adiv Bacquares		Well No	
COMPANY	80. 1/2		ADDRESS	3962 R	37-3	1
FARM		DISTRIC		COUNTY		
		1 1 1 2 1				
Liner Loc			· ·	2 18 1		
	ND DEPTH PLACE	Amo	Tuonor	Lo	cation	
CEMENT-THICKNESS	WOOD-SIZE	LEAD	BRIDGES		G AND TU	BING
	WOOD-GIZE	LEAD	CONSTRUCTION-LOCATION	RECOVERED	SIZE	LOST
			1819.0		19.	1
real real of the state of	territorio de la companya					
					27.57	
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						(7)
managed Seet			der C	3000		
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11 96 99						
			ASTREAM OF WOLLES			
			O Fide C	and the second		
Hom	TA GREE	MUDDING A	W LACO Level In the State			
illers' Names		কুমার হ	7993			
emarks:				THE REAL PROPERTY OF THE PARTY		
I he	ereby certify I visi	ted the above we	ell on this date			
DATE		300.011	on the date.		02/1	6/202
			<u> </u>	Q.		
			DIST	RICT WELL INSPE	CTOP	11



Bbl/d



IV-35 (Rev 8-81)

ECEIVED	NE WE
AUG - 8 1984	
SU & GAS DIVISION	SANI SEM

DEPT. of MINES tate of Mest Mirginia

Department of Mines

Date_	Augu	ıst	1.	198	4.	
Opera	tor's			2		_
Well 1	NO	1				
Farm_	Treel	ine	Co	rp.		_
ADT N	0 4 7		20		2060	

Oil and Gas	Busion	ALL IN.	04/	3902
WELL OPERATOR' OF			1811	CEIV
DRILLING, FRACTURING AND/OR STIMU	LATING, C	R PHYSICA	L CHANGE	SEP 1 2 1984
			OIL	& GAS DIVIS
WEIL TYPE: Oil X / Gas / Liquid Injection (If "Gas," Production / Undergrou	/ Wast	ce Disposa ge/ Dee	DEP D_/ Sha	T. of MII
LOCATION: Elevation: 802 KB Watershed E	lk River		n. huh	de tres avec
District: Elk County Kana	2		Big Sa	ndv
	*******	eo f		e e l'aut
COMPANY D. C. Malcolm, Inc.				
ADDRESS 1006 Commerce Sq., Charleston, WV	Casing	Used in	Left	Cement
DESIGNATED AGENT D. C. Malcolm	Tubing	Drilling	Acres d'arrive de ma	fill up Cu. ft.
ADDRESS 1006 Commerce Sq., Charleston, WV	Size	DITTI	III WCII	Cu. Ic.
SURFACE OWNER Treeline Corporation	20-16 Cond.		· Vide Es	
ADDRESS Box 18 Reynolds Ave., Elkview, WV 25071	13-10"		a Karia	
MINERAL RIGHTS OWNER Treeline Corp.	9 5/8	318	318	To Surf.
ADDRESS Box 18 Reynolds Ave., Elkview, WV	8 5/8			
OIL AND GAS INSPECTOR FOR THIS WORK Rodney	7	1518	1518	45 sx
Dillon ADDRESS P.O.Box 7, Williamstown		1310	1310	43 52
PERMIT ISSUED 2-29-84	4 1/2	2146	2146	75 sx
DRILLING COMMENCED 5-14-84	3	2140	2140	13 SX
DRILLING COMPLETED 5-19-84	2	2100	0100	
IF APPLICABLE: PLUGGING OF DRY HOLE ON	2	2100	2100	-
CONTINUOUS PROGRESSION FROM DRILLING OR	Liners			
REWORKING. VERBAL PERMISSION OBTAINED ON	used			
CTOLOGICAL MARGIN PORMATION	-	Daniel		6
GEOLOGICAL TARGET FORMATION Berea				35 feet
Depth of completed well 2176 feet R			7 ×	
Water strata depth: Fresh 135 feet;				
Coal seam depths: No Coal	Is coal	being min	ed in the	area? No
OPEN FLOW DATA				
Producing formation Weir	Pay	zone dep	th 1820-	2104 feet
Gas: Initial open flow show Mcf/d	18			1 0
Final open flow 80 Mcf/d				Bbl/d
Time of open flow between initi				
Static rock pressure psig(surface				
(If applicable due to multiple completion-		,		2/16/2024
Second producing formation_		zone dep		10/2024 feet
		tial open		
ous. Interest Open Lion	OTT: TITI	ctar open	TTOW	Bbl/d

Final open flow Mcf/d Oil: Final open flow

Static rock pressure

Time of open flow between initial and final tests

psig(surface measurement) after_

hours

hours shut in

DETAILS OF PERFORATED INTERVALS, FRACTURING OR STIMULATING, PHYSICAL CHANGE, ETC.

1st Stage - Perforated 2056-2093 with 15 holes
Foam frac with 500 gal. FE Acid, 186 bbls. water (kcl), 23000#
20/40 sand, 512000 SCFN₂, 8 perf balls.

WELL LOG

ORMATION COLOR HARD OR SOFT	TOP FEET	BOTTOM FEET	REMARKS Including indication of all fres and salt water, coal, oil and ga
Shale and Siltstone	0	136	
Sand	136	332	
Sand and Shale	332	846	
Sand (Salt Sand)	846	1397	THE THE PARTY OF T
Shale	1397	1428	- Carrier and the Control of the Con
Lime (Little Lime)	1428	1491	Description and a contraction
Lime (Greenbrier)	1491	1690	
Sand (Injun)	1690	1750	s/o
Silt and Shale	1750	1820	
Sand (Weir)	1820	1856	s/g
Shale	1856	1950	
Sand (Weir)	1950	1976	s/g
Shale	1976	2052	
Sand (Weir)	2052	2104	s/q
Shale	2104	2135	
Sand (Berea)	2135	2140	
Shale	2140	2176	T.D.
	1216 8		
			p. 1, 5
			CARLES CONTROL PORT TO
	Discour.	TO MICH Y	TO THE SECOND OF DECEMBER OF THE SECOND STROM SECOND SECON
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	Zastas, b	of wife	lifew betalquire to ruged
	1.500		weet enach depart Fran
	ne el		Je gu rentrondi maero (1900)
			ACCOUNTS NOT SEED

(Attach separate sheets as necessary)

D. C. Malcolm, Inc.

Well Operator

President 02/16/2024

Date: August 1, 1984

Note: Regulation 2.02(i) provides as follows:
"The term 'log' or 'well log' shall me

"The term 'log' or 'well log' shall mean a systematic detailed geological record of all formations, including coal, encountered in the drilling of a well."

By:

Date	:A	ugust 1	·,	1984
Opera	ator's			
Well	No.	Treeline	e #1	

API Well No. $\frac{47}{\text{State}} - \frac{039}{\text{County}} - \frac{3962}{\text{Permit}}$ REN

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

1

WELL OPERATOR'S REPORT OF INITIAL GAS-OIL RATIO TEST

	dress 1006 Commerce Squre
Ad	dress 1006 G
	1006 Commerce Squre
	Charleston, WV 25301
	Charleston, WV 25301
	Depth2135
Perforation	Interval1825-2093
	592555
	PIECELVE
n tanka	
24 hours toat non toas	t period SEP 1 2 1984
cing formation in a n	multiple completion OIL & GAS DIVISIO
	DEPT. OF MIN
OF TEST DATA	
OF TEST-DATE TIME	DURATION OF TEST
SEPARATOR PRESSURE	SEPARATOR TEMPERATURE
TION DURING TEST WATER F	PRODUCTION DURING TEST & SALINITY
Mcf	bbls. ppm.
RODUCING METHOD (Flowing	g, pumping, gas lift, etc.)
GAS PRODUCTION	
	POSITIVE CHOKE CRITICAL FLOW PROVER
	CRITICAL FLOW PROVER
0	CRITICAL FLOW FROVER
O C C C C C C C C C C C C C C C C C C C	PROVER & ORIFICE DIAM IN.
DIAMETER (INSIDE DIAM.) STATIC PRESSURE RANGE IC	NOMINAL CHOKE SIZE - IN.
DIAMETER (INSIDE DIAM.) STATIC PRESSURE RANGE	PROVER & ORIFICE DIAM IN. GAS GRAVITY (Air-1.0)
DIAMETER (INSIDE DIAM.) STATIC PRESSURE RANGE IC	PROVER & ORIFICE DIAM IN. GAS GRAVITY (Air-1.0) MEASURED ESTIMATED
DIAMETER (INSIDE DIAM.) STATIC PRESSURE RANGE IC	PROVER & ORIFICE DIAM IN. GAS GRAVITY (AIT-1.0) MEASURED ESTIMATED GAS TEMPERATURE 24 HOUR COEFFICIENT
O C C DIAMETER (INSIDE DIAM.) STATIC PRESSURE RANGE IC ING TEMPERATURE	PROVER & ORIFICE DIAM IN. GAS GRAVITY (Air-1.0) MEASURED ESTIMATED GAS TEMPERATURE
O C DIAMETER (INSIDE DIAM.) STATIC PRESSURE RANGE IC ING TEMPERATURE TEST RESULTS	PROVER & ORIFICE DIAM IN. GAS GRAVITY (Air-1.0) MEASURED ESTIMATED GAS TEMPERATURE ° F 24 HOUR COEFFICIENT PRESSURE - psia
O C C DIAMETER (INSIDE DIAM.) STATIC PRESSURE RANGE IC ING TEMPERATURE	PROVER & ORIFICE DIAM IN. GAS GRAVITY (AIT-1.0) MEASURED ESTIMATED GAS TEMPERATURE 24 HOUR COEFFICIENT
	r tanks 24 hour test per tes IV-39, "Report of An acing formation in a TEST DATA OF TEST-DATE SEPARATOR PRESSURE TION DURING TEST WATER Mcf PRODUCING METHOD (Flowing

Its: President

EXTENSION OF LEASE

BOUK 216 PAGE 138

THIS AGREEMENT, Made this 15th day of November , 1982, between
Treeline Corporation
as first party, and D. C. Malcolm, Inc. as second party,
WITNESSETH: WHEREAS, the second party is the present owner of that certain leasehold estate for oil and gas purposes, having filly complied with the several
terms and provisions thereof, executed by Hugh W. Young, et al to
D. C. Malcolm, Inc. bearing date the 22nd day of February.
19 82, and recorded in the office of the Clerk of the County Court of
Kanawha County, West Virginia, in Book 212 . at page 334 . upon a
tract of 21 acres, more or less of land, in Big Sandy District of said
County, bounded substantially as follows:
On the North by the lands of Orville Hackney Estate
On the East by the lands of J. E. White
On the South by the lands of Route 119
On the West by the lands of Seafler , and,
WHEREAS, the party of the first part the present owner of all of the land embraced in said lease, and all of the rentals and royalties accruing thereunder, and have agreed with the second party upon an extension of the term of said NOW THEREFORE, in consideration of the premises, and the sum of One (\$1.00)
Collar, the receipt whereof is however, it is
collar, the receipt whereof is hereby acknowledged, the said party of the first part do es further grant and demise the said tract of land to the party of the second part, its successors and assigns, for the purposes of said original lease.
or and during an additional term of nine months years from and after the
15th day of November , 1982 , and so long after the expiration of said dditional term of years as the said land is operated by the Lessee in the search or or production of oil or gas.
TO HAVE AND TO HOLD onto the said party of the second part during said dditional period of years upon the same terms, rentals and royalties as are set orth in said original lease; it being the intention hereof that the said lease hall be of the same character, force and effect as if it had been originally
ranted for the term of <u>nine months</u> waxes, and as long thereafter as the said and is operated by the Lessee in the search for or production of oil or gas.
02/16/2024
Witness the following signatures and seals:
(Seal) Tablet F. John Pres. (Seal)





1)	Date:	January	11	, 19_ 84

2) Operator's Well No.__

3) API Well No. County

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

OFFICE USE ONLY DRILLING PERMIT 47-039 · 3962-REN February 29, 19 82 This permit covering the well operator and well location shown below is evidence of permission granted to drill in accordance with the pertinent legal requirements subject to the conditions contained herein and on the reverse hereof. Notification must be given to the District Oil and Gas Inspector, (Refer listrict oil and gas inspector 24 hours before actual permitted work. In addition, the well operator or his contractor shall notify the properties of the permitted work is as described in the Notice and Application, plat, and reclamation plan, subject to any modifications and conditions specified on the everse hereof. March 1 1006	0108	GASADIV	ALALITE	N			E DISTE ONE	L AND GAS DIVIS LL WORK PERMI		
B (ff "Gas" Production X Underground storage Deep Shallow X / Description: 791							Town Fig.			
Section of the production of the permit covering the well operator and well accusion. Section of the permit covering the well operator and well accusion shown below is evidence of permission granted to drill an accuracy with the permit covering the well operator and well location shown below is evidence of permission granted to drill an accuracy with the permit covering the well operator and well location shown below is evidence of permission granted to drill an accuracy warrely larger is permit of which is an addition, the well operator and used location shown below is evidence of permission granted to drill an accuracy warrely larger is permit of which is an addition, the well operator and well accusion, plat, and recember of the permit downs, in addition, the well operator and such granted with section in the Notice and Application, plat, and archemomental plan, subject to any modifications and conditions specified on at learning the section of the permit downs, has commenced prior to that date and prosecuted with due diligence. Approximate color and seed of the conditions contained berein and on the reverse hereof. Notification must be given to the conditions contained berein and on the reverse hereof. Notification must be given to the blacted of all and gas inspector 24 hours before actual primited work is a addition, the well operator or his contractor shall notify the propression granted to drill an accuracy and well accurate the primited work is a described in the Notice and Application, plat, and reclamation plan, subject to any modifications and conditions specified on it were shere of. March 1, 1986	4) WELL T									
6) WELLOPERATOR D. C. Malcolm, Inc. Address 1006. Commerce Square Charleston, WV 25301 8) OIL & GAS INSPECTOR TO BE NOTHED Name JETTY HOLCOMB Address BOX 5R TINDOTE, WV 25111 10) PROPOSED WELL WORK: Drill X Drill deeper Plug off old formation Other physical change in well (specify) 11) GEOLOGICAL TARGET FORMATION, Devronian Shale 12) Estimated depth of completed well, 4000 feet 13) Approximate trata depths: Fresh, 190 feet; salt, 900 feet. 14) Approximate crata depths: Fresh, 190 feet; salt, 900 feet. 15) CASINO AND TUBING PROGRAM CASINO AND TUBING PROGRAM CONDUCTOR FOR SECTION OF SEC		B (I	f "Gas",	Production	on	X	Underground			/ Shallow X/)
6) WELL OPERATOR D. C. Malcolm, Tr.C. Address 1006 Commerce Square Charleston, WV 25301 8) OIL & GAS INSPECTOR TO BE NOTIFIED Name JETTY, HOLGOMb Address BOX 58 TINGORE, WV 25111 10) PROPOSED WELL WORE: Drill X Drill deeper Plug off old formation Perforate new formation Other physical change in well (specify) 11) GEOLOGICAL TARGET FORMATION, Devoni an Shale 12) Estimated depth of completed well, 40.00 feet; salt, 90.0 feet. 13) Approximate trata depths: Fresh, 19.0 feet; salt, 90.0 feet. 14) Approximate trata depths: Fresh Perforation For Geological Annual Perforation For Geological Reports of the State Perforation Reports of the State Perforation Reports of Red	5) LOCATI									
Address 1006 Commerce Square Charleston, WV 25301 8) OIL & GAS INSPECTOR TO BE NOTIFIED NameIETTY_ Hol Comb AddressBOX_58		Dis	strict:	Elk			County:	Kanawha	Quadrangle:	Big Sandy
Address 1006 Commerce Square Charleston, WV 25301 8) OIL & GAS INSPECTOR TO BE NOTIFIED NameIETTY_ Hol Comb AddressBOX_58	6) WELL O	PERATOR_	D. C	. Ma	Lcol	m, Inc.		7) DESIGNATE	DAGENT D.	C. Malcolm
Charleston, WV 25301 Solia Gas Inspector to Be Notified Name Jerry Holcomb Address Box 58 Tindore, WV 25111 Tolore, WV 25111 Charleston, WV 25301 Stimulate X Perforate new formation Other physical change in well (specify) Tolored and depth of completed well, 4000 feet Tolored and perforate new formation Other physical change in well (specify) Tolored and perforate new formation Other physical change in well (specify) Tolored and perforate new formation Other physical change in well (specify) Tolored and perforate new formation Other physical change in well (specify) Feet sait. Tolored and perforation and perforate new formation Feet and perforation and perforation and perforate new formation and perforation plan, subject to any modifications and conditions perforation and perforation plan, subject to any modifications and conditions perforation and perforation plan, subject to any modifications and conditions perforation and perforation plan an										
Solid & GAS INSPECTOR TO BE NOTIFIED Solid & GAS INSPECTOR TO		Ch	narle	ston	. WV	25301				
Name Jerry Holcomb Address BOX 58 Indore, WV 25111 10 PROPOSED WELL WORK: Drill X	8) OIL & G.	AS INSPEC	TOR TO	BE NOT	IFIED			9) DRILLING C		
Address Indore, WV 25111 10) PROPOSED WELL WORK: Drill X Drill deeper Redrill Stimulate X Plug off old formation. Perforate new formation. Other physical change in well (specify) 11) GEOLOGICAL TARGET FORMATION, Devonian Shale 12) Estimated depth of completed well, 40,00 feet. 13) Approximate trata depths: Fresh, 190 feet; salt, 900 feet. 14) Approximate coal seam depths: Is coal being mined in the area? Yes No X CASING AND TUBING PROGRAM CASING AND TUBING PROGRAM CONDUCTIVE Size Grade Perft. New Used For drilling Left in well (Cabic feet) Conductor Fresh water 9 – 5 / 8	Name	Terry F	Holco	omb						
Tndore, WV 25111 O										
Plus off old formation Perforate new formation Perforations Perforation Perforat					7 2	5111		11441000		
Plug off old formation Perforate new formation Other physical change in well (specify) 11) GEOLOGICAL TARGET FORMATION, Devonian Shale 12) Estimated depth of completed well, 4000 feet, 13) Approximate trata depths: Fresh, 190 feet, 14) Approximate coal seam depths: Les salt, 900 feet, 14) Approximate coal seam depths: Les coal being mined in the area? Yes No X (SAING AND TUBING PROGRAM CASING OR SPECIFICATIONS Weight Weight For drilling Left in well Conductor TUBING TYPE Size Grade per ft. New Used For drilling Left in well Conductor Coal Intermediate 7" 20	10) PROPOS						4	(D. L.		~
Other physical change in well (specify) Dewonian Shale 12) Estimated depth of completed well, 4000 feet 13) Approximate trata depths: Fresh, 190 feet; salt, 900 feet. 14) Approximate coal seam depths: Is coal being mined in the area? Yes 15) CASING AND TUBING PROGRAM CASING OR TUBING TYPE Size Grade per ft. New Used For drilling Left in well Cobbs feet (Cobb feet) Conductor Fresh water 9-5/8 X 300 ' 300 ' to Surface Coal 7 20	io) i koi os	ED WELL	WORK.							^/
11) GEOLOGICAL TARGET FORMATION, Devonian Shale 12) Estimated depth of completed well, 40.00 feet 13) Approximate rade depths: Fresh, 190 feet; salt, 90.0 feet. 14) Approximate rade depths: Is coal being mined in the area? Yes No. X for ASING OR STUBING PROGRAM CASING OR SPECIFICATIONS TUBING TYPE Size Grade per It. New Used For drilling Left in well Conductor Coal Sing Or Secretary Street Grade Per It. New Used For drilling Left in well OR SACES Coal Intermediate 7" 20 # X 1800 1 1800 300 1 180										
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02/16/2024

FORM	IV-2(B)
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STATE OF WEST VIRGINIA OFFICE USE ONLY

PERMIT MODIFICATIONS AND CONDITIONS (IF ANY) TO THE PROPOSED WELL WORK

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NOTE: Reep one copy of this penalt poried at the drilling location



(Rev 8-81)

DATE March 21, 1983

WELL NO._ Treeline #1

API NO. 47-039-3962-Ken

State of Mest Airginia Bepartment of Mines

Gil and Gas Bivision

CONSTRUCTION AND RECLAMATION PLAN

COMPANY NAME D. C. Malcolm, Inc.	Di	SIGNATED A	GENT D. C. Malcoli	m
Address 1006 Commerce Square Telephone Charleston, WV 25301		Address_	1006 Commerce Squ	are
Telephone Charleston, WV 25301	T	Telephone	Charleston, WV 25	301
LANDOWNER Treeline Corporation	-	SOIL CONS	DISTRICT_	
Revegetation to be carried out by	D.	C. Malco	lm	(Agent)
This plan has been reviewed by	CAP	PITOL	SCD. All correct	tions
and additions become a part of this pla	ın: A	PR. 1 3 1985	3	
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ACCESS ROAD			LOCATION	
Structure Cross drains	(A)	Structure	Drilling pit	(1)
Spacing as needed & specified		Material	earthlined w/ p.	lastic
Page Ref. Manual 2-1, 2-3, 2-4 4-2	2-2	Page Ref.	Manual	
Structure	(B)	Structure	Diversion Ditch	(2)
Spacing		Material_	earth	, , ,
Page Ref. Manual		Page Ref.	Manual 2-12 + 2-	13
Structure	(C)	Structure	Rip rap	(3)
Spacing		Material_		
Page Ref. Manual		Page Ref.	Manual 2-16 Z-	10
All structures should be inspected commercial timber is to be cut and state and removed from the site before	tacked and	all hmuch	red if necessary. All and small timber to be	
स	EVEGENATIO	N		
Treatment Area I			Manager 1	
		*	Treatment Area II	
or correct to pH 6.5	3	Lime_	rect to pH 6 5	ns/acre
Fertilizer 1000 lbs/acre		Fertilize	7000	,
(18-20-20 or equivalent)			(10-20-20) or equivalent	s/acre
fulch Hay 3 Tons/acre		Mulch Hay		ns/acre
seed* Ky 31 40 35 lbs/acre		Seed* Kv	4/.0	
Annual Rye 20 10 lbs/acre		-	1 D 14	s/acre
lbs/acre				s/acre
				s/acre
*Inoculate all legumes such as vetch,	trefoil d	ma clovers	with the proper bacter	rium.
noculate with 3% recommended amount.				
	== : N ====	PARED BY	D. C. Malcolm	Malada
MOTES: Please Peakeet landamane!			.006 Commerce Squar	1 6/2024
seedling for one growing season.			Charleston, WV 2530	
Attach separate sheets as necessary for comments.	FEC	-	304) 343-9593	
			144 343 - Y3Y3	

		2, 2	(SEAL)
	IRGINIA ACKNOWLEDGMENT		
OUNTY OF	To-wit:		
	,		
ose name signed to the within writing bear	ing date the		
Given under my hand this		19	
Commission expires	**************************************	Notary Public	
WEST VI	RGINIA ACKNOWLEDGMENT		r _i =
UNTY OF Kanawha	Fo-wit:		1
this day acknowledged the same before me in iven under my hand this	mar and Country		/
2000	day of May	1982 198 Malcolm Notary Public	
Commission expires 2-9-92	O ACKNOWLEDGMENT	O. Notary Public	
Commission expires 2-9-92	O ACKNOWLEDGMENT	O. Notary Public	
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5/ /4.	The second secon
	SecTreas.(Seal)
(Seal)	(Seal)
STATE OF WEST VIRGINIA, COUNTY OF Kanawha I. Labetla L. Bird	a Notary
	that Rabert L. Jacks
P. I I had a 1/d	
signed to the within writing, bearing date the 1514 da	et, whose names are
1982, have this day acknowledged the same before me in	
Given under my hand this 4th day of february	
My commission expires on the 215f. day of Oct	/
Roberta &	
FEB 9 1987	
Tener Many of the Mark	
STATE OF Kanawha Goursy Commission	
COUNTY OF to-wit:	
I,	
of mid County of do certify th	at
	namesigned .
	, A. D.
10 , ha this day acknowledged the same before me in my	
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My commission expires	, , , , , , , , , , , , , , , , , , , ,
	02/16/2024

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222-41

AGREEMENT. made and entered into this......

OIL AND GAS LEASE

BOOK 222 PAGE 47

RECEIVED

DEC 1 6 1983 A. D. 1983 14th day of December

	Nug. V.s.cooper
Elkview, West Virginia pa	rty of the first part, hereinafter called Lessor (whether one or more),
1. WITNESSETH: That the Lessor, in consideration of the covenants and agreements hereinafter contained, does hituents of either in and under the land hereinafter described and gas and their constituents and of storing gas of any kind is all times for the purpose of drilling and operating for oil, gructures, and to possess, use, and occupy so much of said presents.	party of the second part, hereinafter called Lessee e sum of One Dollar, the receipt of which is hereby acknowledged, and dereby grant unto the Lessee all of the oil and gas and all of the cond, together with the exclusive right to drill for, produce and market oil no any formation underlying the land, and also the right to enter thereory gas and water, laying pipe lines, erecting tanks, machinery, powers and remises as is necessary and convenient for said purposes and to converge the said purposes.
e above named products therefrom or thereto by pipe lines	or otherwise; said land being situate in Big Sandy XXXXXXX
ounty of Kanawna , State of West VI	rginia , and described as follows, to-wit: Bounded on th
ORTH by lands of Orville Hackney Estati	e
OUTH by lands of Route 119	
EST by lands of Seafler	<u> </u>
nd containing twenty-one being the intention to describe herein all of the lands of t	the lessor located in the Township or District aforesaid.
2. It is agreed that this lease shall remain in force for a tereafter as operations for oil or gas are being conducted or system that it is a second to the lesses shall deliver to the credit of the Lessor free ne-eighth (%) part of all oil produced and saved from the	n term of Sixty days XXXX from this date and as long in the premises, or oil or gas is found in paying quantities thereon, X MOSEN XXXX EXPROPERATE TO WHICH HE MAY CONNECT HIS Wells, the equal leased premises, and shall pay Lesson One—eighth of
or all gas produced and sold from the premises, payable que ollars por year on each gas well while, through lack of mark yalty is so paid said well shall be held to be a paying well to	narterly; provided, Lessee shall pay Lessor a royalty at the rate of Fifteet, gas therefrom is not sold or used off the premises, and while sai under paragraph 2 hereof.
4. The Lessee shall commence operations for a well on th	e premises on or before, 19 , or pa
he time above mentioned. The consideration first recited he of the date when first said rental is payable as aforesaid, but my and all other rights conferred. The drilling of a non-pro- period of one year after its completion, and following the or a period of one year to resume the payment of delay rent	for each months that operations are delayed from erein, the down payment, shall cover not only the privilege granter at also the Lessee's option of extending that period as aforesaid, and oductive well shall be accepted by the Lessor in lieu of delay rental for exhaustion or abandonment of all wells the Lessee shall have the right tall or commence operations for another well. Upon the resumption ayment and the effect thereof shall continue in force as though they had
5. All moneys coming due hereunder shall be paid or ter	odered to Treeline Corporation
nd no default shall be declared against the Lessee by the I onditions provided for herein unless the Lessee shall refuse eived written notice by registered mail from the Lessor of hi 6. Lessor reserves 200,000 cubic feet of gas per annum for	Box 18 Reynolds Ave., Elkview, WV 2507 Lessor for failure of the Lessee to make any payment or perform an or neglect to pay or perform the same for ten days after having reis intention to declare such default. domestic use, to be taken through his own appliances at any producingly gas used in excess thereof. Lessor further covenants and agrees the
is taking and use of gas shall be wholly at his own risk, the or shall Lessee be liable for any shortage or failure in the s	Lessee not to be held liable for any accident or damage caused thereb supply of gas for said domestic use.
all rights and rights of way necessary to store and produce such all pay to the Lessor a rental at the rate of the least shall remain a ge payment is made, all provisions of this lease shall remain a Lessor further grants to the Lessee, his heirs and assigning to units of any size up to the least for development of accept, in lieu of the royalty hereinbefore recited, such provided in the royalty hereinbefore recited in the royalty hereinbefore recit	anderlying the leased premises for the storage of gas and shall have ach stored gas. As full payment for such storage rights, the Lesso per acre per year, while the premises are so used, and so long as the sto in full effect. In the right to unitize this lease with other leases to form a drilling ent of the area. In the event this lease is so unitized, the Lessor agree roportion of the royalty above provided, as the acreage covered by the
	ed land than the undivided fee simple estate therein, then the royal in the proportion which his interest bears to the whole and undivide
dessee shall have and enjoy all rights and privileges necessand shall have the right to use, free of cost, gas, oil and water wells of Lessor. Lessee shall also have the right at any timelaced on said premises, including the right to draw and removement of the requested by Lesson towing crops on said lands, and, when requested by Lesson	
11. The interest or estate of either party hereto may be as allowed. In event this lease shall be assigned as to any property of part or parts shall fail or make default in the payment ault shall not operate to defeat or affect this lease insofar as any assignee thereof shall make due payment of said rental.	ssigned, the privilege of assigning in whole or in part being express art or parts of the above described land and the assignee or assignees of the proportionate part of the rents due from him or them, such described land upon which the said Lessee of No change of ownership in the land or in the rentals or royalties shall it has been furnished with a written transfer or assignment or a ce
12. At any time, Lessee, its successors or assigns, shall have after which all payments and liabilities hereunder thereafter	the right to surrender this lease or any part thereof for cancelation shall cease and determine, and if the whole is surrendered, then the pay be made to the Lessor, or if more than one Lessor, then to any of the control of the con

of them, or to the heirs or assigns of any one of them by delivery of a duly executed surrender thereof in person or by mail addressed to the post office address of such person, or by recording a duly executed surrender thereof in the Recorder's office of the County in which the land is located.

13. Lessor hereby warrants and agrees to defend the title to the land herein described and agrees that the Lessee at its option may pay, discharge or redeem any taxes, mortgages, or other liens existing; levied, or assessed on or against the above described lands, and in event it exercises such option, it shall be subrogated to the rights of any holder or holders thereof and may reimburse itself by applying any royalty or rentals accruing hereunder to the discharge of any such taxes, mortgages or other in the lesse is in force, it shall remain in force and its terms continue so long as such operations are prosecuted, and if production results therefrom, then as long as production continues. If after the expiration of the term of this lease production from the leased premises shall cease from any cause, this lease shall not terminate provided Lessee resumes operations within sixty days from such cessation, and this lease shall remain in force during the prosecution of such operations, and, if production results therefrom, then as long as oil or gas is produced in paying quantities.

Please return to:

D. C. Malcolm, Inc. 1006 Commerce Square Charleston, WV 25301 STATE OF WEST VIRGINIA,

COUNTY OF KANAWHA, To-Wit:

I, Raturta J. Bird, a Notary Public of said County, do hereby certify that ROBERT L. JACKSON, PRESIDENT of TREELINE CORPORATION has this day acknowledged the same before me in my said County. Given under my hand this 22Nd day of Jehrnary, 1984.

Roberta Z. Bird Notary Public

My Commission expires Oct. 21, 1984.

This instrument was prepared by: D. C. Malcolm, Inc., 1006 Commerce Square, Charleston, West Virginia, 25301.

Please return to: D. C. Malcolm, Inc. 1006 Commerce Square Charleston, WV 25301

EXTENSION OF LEASE

THIS AGREEMENT, made this 11th day of February, 1984, between TREELINE CORPORATION, as party of the first part, and D. C. MALCOLM, INC. as party of the second part;

WITNESSETH: WHEREAS, the party of the second part is the present owner of that certain leasehold estate for oil and gas purposes, having fully complied with the several terms and provisions thereof, executed by Robert L. Jackson, President of Treeline Corporation, bearing date the 14th day of December, 1983, and recorded in the office of the Clerk of the County Court of Kanawha County, West Virginia, in Book 222, at page 47, upon a tract of twenty-one (21) acres, more or less of land, in Big Sandy District of said County, bounded substantially as follows:

On the North by the lands of Orville Hackney Estate
On the East by the lands of J. E. White
On the South by the lands of Route 119
On the West by the lands of Seafler

WHEREAS, the party of the first part is the present owner of all of the land embraced in said lease, and all of the rentals and royalties accruing thereunder, and have agreed with the party of the second part upon an extension of the term of said lease;

NOW THEREFORE, in consideration of the premises, and the sum of One Dollar (\$1.00), the receipt whereof is hereby acknowledged, the said party of the first part does further grant and demise the said tract of land to the party of the second part, its successors and assigns, for the purposes of said original lease, for and during an additional term of thirty (30) days from and after the 11th day of February, 1984, and so long after the expiration of said additional term as the said land is operated by the Lessee in the search for or production of oil or gas.

TO HAVE AND TO HOLD unto the said party of the second part during said additional period of time upon the same terms, rentals and royalties as are set forth in said original lease; it being the intention hereof that the said lease shall be of the same character, force and effect as if it had been originally granted for the additional term of thirty days, and as long thereafter as the said land is operated by the Lessee in the search for or production of oil or gas, instead of for the term originally specified therein.

WITNESS the following signatures and seals:

WITNESS:

Robert L. Jackson, President

TREELINE CORPORATION

02/16/2024